

2.0 STACK MONITORING REPORT



Period: December - 2024

FOR

**M/s. Aarti Industries Limited. (Unit – 1)
(Neo SEZ Unit)**

At

**Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
STACK MONITORING

Test Report No.	UERL/24/12/AIL-1/S-006	Report Issue Date	02/01/2025
Service Request form No.	UERL/AIR/D/SRF/12/S-006	Service Request Date	19/12/2024
Sample ID No.	UERL/AIR/D/ID/S-24/12/006	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/12/006
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	19/12/2024	Date of Testing	20/12/2024
Stack Sampling Attached to	Boiler-2 (67 TPH)		
Air Pollution Control Device	ESP + Lime Dosing with Coal.		
Fuel Used	Coal		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	M	76
2.	Stack Dia	Mm	3600
3.	Stack Area	m ²	10.1736
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	1.7
7.	Exit Gas Flow	m ³ /h	45317.3

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	40	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	66	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	3.5	**	GC Method

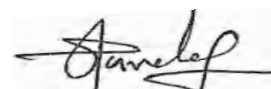
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/24/12/AIL-1/S-001	Report Issue Date	02/01/2025
Service Request form No.	UERL/AIR/D/SRF/12/S-001	Service Request Date	19/12/2024
Sample ID No.	UERL/AIR/D/ID/S-24/12/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/12/001
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	19/12/2024	Date of Testing	20/12/2024
Stack Sampling Attached to	Boiler-1 (14 TPH) & Thermic Fluid Heater (6 Lac Kcal/Hr) (Common Chimney)		
Air Pollution Control Device	ESP + Lime Dosing with Coal		
Fuel Used	Coal		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**


Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	42
2.	Stack Dia	mm	1200
3.	Stack Area	m ²	1.1314
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	132
6.	Exit Gas Velocity	m/s	6.5
7.	Exit Gas Flow	m ³ /h	19174.3

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	22	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	20	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	36	50	IS 11255(Part 7)
4.	VOCs	ppm	3.1	**	GC Method

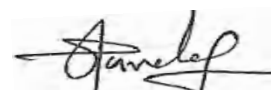
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Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/24/12/AIL-1/S-002	Report Issue Date	02/01/2025
Service Request form No.	UERL/AIR/D/SRF/12/S-002	Service Request Date	19/12/2024
Sample ID No.	UERL/AIR/D/ID/S-24/12/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/12/002
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	19/12/2024	Date of Testing	20/12/2024
Stack Sampling Attached to	D.G. Set - 1 (1000 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

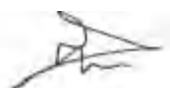
Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	120
6.	Exit Gas Velocity	m/s	10.5
7.	Exit Gas Flow	Nm ³ /h	1430.4

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	74	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	20	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	37	50	IS 11255(Part 7)
4.	VOCs	ppm	3.2	**	GC Method

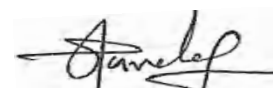
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(Chemist)

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Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/24/12/AIL-1/S-003	Report Issue Date	02/01/2025
Service Request form No.	UERL/AIR/D/SRF/12/S-003	Service Request Date	19/12/2024
Sample ID No.	UERL/AIR/D/ID/S-24/12/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/12/003
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	19/12/2024	Date of Testing	20/12/2024
Stack Sampling Attached to	D.G. Set – 2 (1000 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	10.8
7.	Exit Gas Flow	Nm ³ /h	1463.8

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	72	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	18	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	2.5	**	GC Method

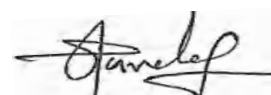
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TEST REPORT
STACK MONITORING

Test Report No.	UERL/24/12/AIL-1/S-004	Report Issue Date	02/01/2025
Service Request form No.	UERL/AIR/D/SRF/12/S-004	Service Request Date	19/12/2024
Sample ID No.	UERL/AIR/D/ID/S-24/12/004	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/12/004
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	19/12/2024	Date of Testing	20/12/2024
Stack Sampling Attached to	D.G. Set – 3 (1500 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	121
6.	Exit Gas Velocity	m/s	10.9
7.	Exit Gas Flow	Nm ³ /h	1481.1

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	71	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	19	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	38	50	IS 11255(Part 7)
4.	VOCs	ppm	2.6	**	GC Method

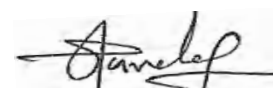
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(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/24/12/AIL-1/S-005	Report Issue Date	02/01/2025
Service Request form No.	UERL/AIR/D/SRF/12/S-005	Service Request Date	19/12/2024
Sample ID No.	UERL/AIR/D/ID/S-24/12/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-24/12/005
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	19/12/2024	Date of Testing	20/12/2024
Stack Sampling Attached to	Scrubber Attached to Hydrolysis Process		
Fuel Used	--		
Air Pollution Control Device	Caustic Scrubber		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No	UERL-D/AIR/HDS/01		
Instrument Name	Handy Sampler	Serial Number	91-I-19
Calibration Date	02/02/2024	Next Calibration Due On	01/02/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	29

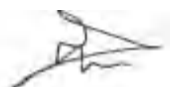
➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Hydrochloric Acid as HCl	mg/Nm ³	BDL (MDL:1.0)	20	Argentometric Method
2.	VOCS	PPM	2.1	**	GC Method

Note: BDL: Below Detection Limit.

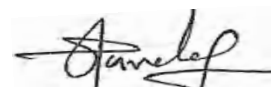
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Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: January - 2025

FOR

**M/s. Aarti Industries Limited. (Unit – 1)
(Neo SEZ Unit)**

At

**Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India**

Monitoring Organization



Plot No.51, Vibrant Business Park,
NH No. 48, GIDC, Vapi – 396 195.
Dist-Valsad (Gujarat), India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

MoEF&CC Environmental Laboratory under
EPA, 1986 as 04.11.2024 to 18.10.2027

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

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ISO 45001 : 2018
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TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/01/AIL-1/S-006	Report Issue Date	03/02/2025
Service Request form No.	UERL/AIR/D/SRF/01/S-006	Service Request Date	20/01/2025
Sample ID No.	UERL/AIR/D/ID/S-25/01/006	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/01/006
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	20/01/2025	Date of Testing	21/01/2025
Stack Sampling Attached to	Boiler-2 (67 TPH)		
Air Pollution Control Device	ESP + Lime Dosing with Coal.		
Fuel Used	Coal		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	M	76
2.	Stack Dia	Mm	3600
3.	Stack Area	m ²	10.1736
4.	Ambient Temperature	°C	28
5.	Flue Gas Temperature	°C	136
6.	Exit Gas Velocity	m/s	1.5
7.	Exit Gas Flow	m ³ /h	39268.8

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	28	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	65	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	36	50	IS 11255(Part 7)
4.	VOCs	ppm	3.8	**	GC Method

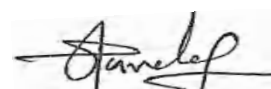
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Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/01/AIL-1/S-001	Report Issue Date	03/02/2025
Service Request form No.	UERL/AIR/D/SRF/01/S-001	Service Request Date	20/01/2025
Sample ID No.	UERL/AIR/D/ID/S-25/01/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/01/001
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	20/01/2025	Date of Testing	21/01/2025
Stack Sampling Attached to	Boiler-1 (14 TPH) & Thermic Fluid Heater (6 Lac Kcal/Hr) (Common Chimney)		
Air Pollution Control Device	ESP + Lime Dosing with Coal		
Fuel Used	Coal		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**


Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	42
2.	Stack Dia	mm	1200
3.	Stack Area	m ²	1.1314
4.	Ambient Temperature	°C	28
5.	Flue Gas Temperature	°C	135
6.	Exit Gas Velocity	m/s	6.6
7.	Exit Gas Flow	m ³ /h	19262.1

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	20	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	18	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	3.2	**	GC Method

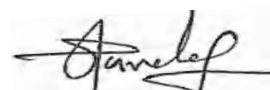
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(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/01/AIL-1/S-002	Report Issue Date	03/02/2025
Service Request form No.	UERL/AIR/D/SRF/01/S-002	Service Request Date	20/01/2025
Sample ID No.	UERL/AIR/D/ID/S-25/01/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/01/002
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	20/01/2025	Date of Testing	21/01/2025
Stack Sampling Attached to	D.G. Set - 1 (1000 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

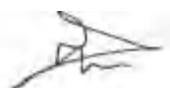
Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	28
5.	Flue Gas Temperature	°C	118
6.	Exit Gas Velocity	m/s	10.8
7.	Exit Gas Flow	Nm ³ /h	1473.9

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	70	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	24	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	30	50	IS 11255(Part 7)
4.	VOCs	ppm	2.5	**	GC Method

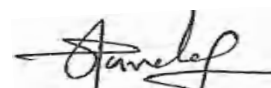
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(Manager - Operations)

TEST REPORT

STACK MONITORING

Test Report No.	UERL/25/01/AIL-1/S-003	Report Issue Date	03/02/2025
Service Request form No.	UERL/AIR/D/SRF/01/S-003	Service Request Date	20/01/2025
Sample ID No.	UERL/AIR/D/ID/S-25/01/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/01/003
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	20/01/2025	Date of Testing	21/01/2025
Stack Sampling Attached to	D.G. Set – 2 (1000 KVA)		
Fuel Used	Diesel		

➤ Details of Instrument Used for Monitoring

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ General Stack Monitoring Observation

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	28
5.	Flue Gas Temperature	°C	121
6.	Exit Gas Velocity	m/s	11.2
7.	Exit Gas Flow	Nm ³ /h	1516.8

➤ Test Parameter Results

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	75	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	21	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	36	50	IS 11255(Part 7)
4.	VOCs	ppm	2.8	**	GC Method

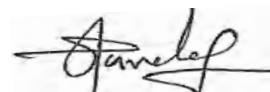
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/01/AIL-1/S-004	Report Issue Date	03/02/2025
Service Request form No.	UERL/AIR/D/SRF/01/S-004	Service Request Date	20/01/2025
Sample ID No.	UERL/AIR/D/ID/S-25/01/004	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/01/004
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	20/01/2025	Date of Testing	21/01/2025
Stack Sampling Attached to	D.G. Set – 3 (1500 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	28
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	11.5
7.	Exit Gas Flow	Nm ³ /h	1553.5

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	73	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	22	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	2.5	**	GC Method

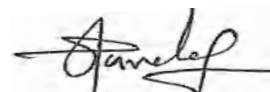
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/01/AIL-1/S-005	Report Issue Date	03/02/2025
Service Request form No.	UERL/AIR/D/SRF/01/S-005	Service Request Date	20/01/2025
Sample ID No.	UERL/AIR/D/ID/S-25/01/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/01/005
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	20/01/2025	Date of Testing	21/01/2025
Stack Sampling Attached to	Scrubber Attached to Hydrolysis Process		
Fuel Used	--		
Air Pollution Control Device	Caustic Scrubber		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No	UERL-D/AIR/HDS/01		
Instrument Name	Handy Sampler	Serial Number	91-I-19
Calibration Date	02/02/2024	Next Calibration Due On	01/02/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	28

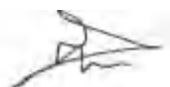
➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Hydrochloric Acid as HCl	mg/Nm ³	BDL (MDL:1.0)	20	Argentometric Method
2.	VOCS	PPM	3.5	**	GC Method

Note: BDL: Below Detection Limit.

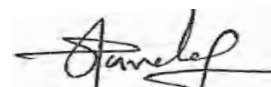
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: February - 2025

FOR

M/s. Aarti Industries Limited.
(NEO SEZ Unit)

At

Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India

Monitoring Organization



Plot No.51, Vibrant Business Park,
NH No.48, GIDC, Vapi-396195
Dist-Valsad (Gujarat), India
Phone + 91 260 2433966/2425610
Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/02/AIL-1/S-006	Report Issue Date	03/03/2025
Service Request form No.	UERL/AIR/D/SRF/02/S-006	Service Request Date	14/02/2025
Sample ID No.	UERL/AIR/D/ID/S-25/02/006	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/02/006
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	14/02/2025	Date of Testing	15/02/2025
Stack Sampling Attached to	Boiler-2 (67 TPH)		
Air Pollution Control Device	ESP + Lime Dosing with Coal.		
Fuel Used	Coal		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	M	76
2.	Stack Dia	Mm	3600
3.	Stack Area	m ²	10.1736
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	132
6.	Exit Gas Velocity	m/s	1.6
7.	Exit Gas Flow	m ³ /h	42440.9

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	33	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	60	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	38	50	IS 11255(Part 7)
4.	VOCs	ppm	3.5	**	GC Method

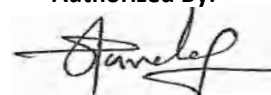
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/02/AIL-1/S-001	Report Issue Date	03/03/2025
Service Request form No.	UERL/AIR/D/SRF/02/S-001	Service Request Date	14/02/2025
Sample ID No.	UERL/AIR/D/ID/S-25/02/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/02/001
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	14/02/2025	Date of Testing	15/02/2025
Stack Sampling Attached to	Boiler-1 (14 TPH) & Thermic Fluid Heater (6 Lac Kcal/Hr) (Common Chimney)		
Air Pollution Control Device	ESP + Lime Dosing with Coal		
Fuel Used	Coal		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	42
2.	Stack Dia	mm	1200
3.	Stack Area	m ²	1.1314
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	6.5
7.	Exit Gas Flow	m ³ /h	19269.5

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	15	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	21	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	36	50	IS 11255(Part 7)
4.	VOCs	ppm	2.8	**	GC Method

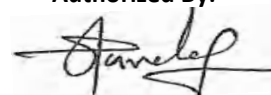
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/02/AIL-1/S-002	Report Issue Date	03/03/2025
Service Request form No.	UERL/AIR/D/SRF/02/S-002	Service Request Date	14/02/2025
Sample ID No.	UERL/AIR/D/ID/S-25/02/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/02/002
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	14/02/2025	Date of Testing	15/02/2025
Stack Sampling Attached to	D.G. Set - 1 (1000 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	120
6.	Exit Gas Velocity	m/s	11.2
7.	Exit Gas Flow	Nm ³ /h	1525.7

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	72	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	22	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	33	50	IS 11255(Part 7)
4.	VOCs	ppm	2.7	**	GC Method

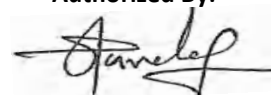
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/02/AIL-1/S-003	Report Issue Date	03/03/2025
Service Request form No.	UERL/AIR/D/SRF/02/S-003	Service Request Date	14/02/2025
Sample ID No.	UERL/AIR/D/ID/S-25/02/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/02/003
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	14/02/2025	Date of Testing	15/02/2025
Stack Sampling Attached to	D.G. Set – 2 (1000 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	121
6.	Exit Gas Velocity	m/s	11.0
7.	Exit Gas Flow	Nm ³ /h	1494.7

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	70	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	20	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	2.5	**	GC Method

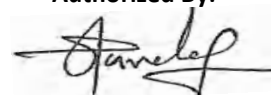
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/02/AIL-1/S-004	Report Issue Date	03/03/2025
Service Request form No.	UERL/AIR/D/SRF/02/S-004	Service Request Date	14/02/2025
Sample ID No.	UERL/AIR/D/ID/S-25/02/004	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/02/004
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	14/02/2025	Date of Testing	15/02/2025
Stack Sampling Attached to	D.G. Set – 3 (1500 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	29
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	11.3
7.	Exit Gas Flow	Nm ³ /h	1531.6

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	74	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	19	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	37	50	IS 11255(Part 7)
4.	VOCs	ppm	2.6	**	GC Method

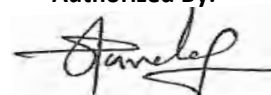
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/02/AIL-1/S-005	Report Issue Date	03/03/2025
Service Request form No.	UERL/AIR/D/SRF/02/S-005	Service Request Date	14/02/2025
Sample ID No.	UERL/AIR/D/ID/S-25/02/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/02/005
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	14/02/2025	Date of Testing	15/02/2025
Stack Sampling Attached to	Scrubber Attached to Hydrolysis Process		
Fuel Used	--		
Air Pollution Control Device	Caustic Scrubber		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No	UERL-D/AIR/HDS/01		
Instrument Name	Handy Sampler	Serial Number	91-I-19
Calibration Date	02/02/2024	Next Calibration Due On	01/02/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	29

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Hydrochloric Acid as HCl	mg/Nm ³	BDL (MDL:1.0)	20	Argentometric Method
2.	VOCS	PPM	2.2	**	GC Method

Note: BDL: Below Detection Limit.

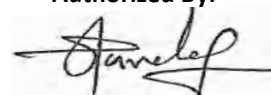
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

2.0 STACK MONITORING REPORT



Period: March - 2025

FOR

M/s. Aarti Industries Limited.
(NEO SEZ Unit)

At

Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India

Monitoring Organization



Plot No.51, Vibrant Business Park,
NH No.48, GIDC, Vapi-396195
Dist-Valsad (Gujarat), India
Phone + 91 260 2433966/2425610
Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/03/AIL-1/S-006	Report Issue Date	03/04/2025
Service Request form No.	UERL/AIR/D/SRF/03/S-006	Service Request Date	21/03/2025
Sample ID No.	UERL/AIR/D/ID/S-25/03/006	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/03/006
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	21/03/2025	Date of Testing	22/03/2025
Stack Sampling Attached to	Boiler-2 (67 TPH)		
Air Pollution Control Device	ESP + Lime Dosing with Coal.		
Fuel Used	Coal		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	M	76
2.	Stack Dia	Mm	3600
3.	Stack Area	m ²	10.1736
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	2.3
7.	Exit Gas Flow	m ³ /h	61326.6

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	36	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	64	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	2.9	**	GC Method

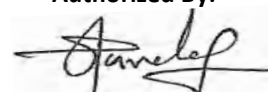
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/03/AIL-1/S-001	Report Issue Date	03/04/2025
Service Request form No.	UERL/AIR/D/SRF/03/S-001	Service Request Date	21/03/2025
Sample ID No.	UERL/AIR/D/ID/S-25/03/001	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/03/001
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	21/03/2025	Date of Testing	22/03/2025
Stack Sampling Attached to	Boiler-1 (14 TPH) & Thermic Fluid Heater (6 Lac Kcal/Hr) (Common Chimney)		
Air Pollution Control Device	ESP + Lime Dosing with Coal		
Fuel Used	Coal		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	42
2.	Stack Dia	mm	1200
3.	Stack Area	m ²	1.1314
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	130
6.	Exit Gas Velocity	m/s	6.9
7.	Exit Gas Flow	m ³ /h	20460.3

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	18	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	23	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	2.5	**	GC Method

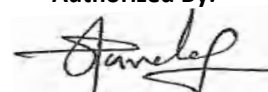
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/03/AIL-1/S-002	Report Issue Date	03/04/2025
Service Request form No.	UERL/AIR/D/SRF/03/S-002	Service Request Date	21/03/2025
Sample ID No.	UERL/AIR/D/ID/S-25/03/002	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/03/002
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	21/03/2025	Date of Testing	22/03/2025
Stack Sampling Attached to	D.G. Set - 1 (1000 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	124
6.	Exit Gas Velocity	m/s	11.4
7.	Exit Gas Flow	Nm ³ /h	1537.7

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	70	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	24	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	36	50	IS 11255(Part 7)
4.	VOCs	ppm	2.5	**	GC Method

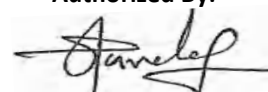
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/03/AIL-1/S-003	Report Issue Date	03/04/2025
Service Request form No.	UERL/AIR/D/SRF/03/S-003	Service Request Date	21/03/2025
Sample ID No.	UERL/AIR/D/ID/S-25/03/003	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/03/003
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	21/03/2025	Date of Testing	22/03/2025
Stack Sampling Attached to	D.G. Set – 2 (1000 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	122
6.	Exit Gas Velocity	m/s	11.2
7.	Exit Gas Flow	Nm ³ /h	1518.4

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	68	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	19	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	32	50	IS 11255(Part 7)
4.	VOCs	ppm	2.3	**	GC Method

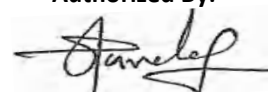
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/03/AIL-1/S-004	Report Issue Date	03/04/2025
Service Request form No.	UERL/AIR/D/SRF/03/S-004	Service Request Date	21/03/2025
Sample ID No.	UERL/AIR/D/ID/S-25/03/004	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/03/004
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	21/03/2025	Date of Testing	22/03/2025
Stack Sampling Attached to	D.G. Set – 3 (1500 KVA)		
Fuel Used	Diesel		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No.	UERL-D/AIR/SMK/01		
Instrument Name	Stack Monitoring Kit, VSS1	Serial Number	467 DTJ 15
Calibration Date	19/06/2024	Next Calibration Due On	18/06/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	30
2.	Stack Dia	mm	254
3.	Stack Area	m ²	0.0507
4.	Ambient Temperature	°C	30
5.	Flue Gas Temperature	°C	120
6.	Exit Gas Velocity	m/s	11.8
7.	Exit Gas Flow	Nm ³ /h	1607.9

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Particulate Matter	mg/Nm ³	72	150	IS 11255(Part 1)
2.	Sulphur Dioxide	ppm	22	100	IS 11255(Part 2)
3.	Oxide of Nitrogen	ppm	35	50	IS 11255(Part 7)
4.	VOCs	ppm	2.6	**	GC Method

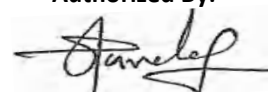
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

TEST REPORT
STACK MONITORING

Test Report No.	UERL/25/03/AIL-1/S-005	Report Issue Date	03/04/2025
Service Request form No.	UERL/AIR/D/SRF/03/S-005	Service Request Date	21/03/2025
Sample ID No.	UERL/AIR/D/ID/S-25/03/005	Field Data Sheet No.	UERL/AIR/D/FDS/S-25/03/005
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD. (Unit – 1) Plot No. Z/103/H, Dahej SEZ Part-II, Tal. Vagara, Dist. Bharuch, Dahej-392 130, Gujarat.		
Date of Sampling	21/03/2025	Date of Testing	22/03/2025
Stack Sampling Attached to	Scrubber Attached to Hydrolysis Process		
Fuel Used	--		
Air Pollution Control Device	Caustic Scrubber		

➤ **Details of Instrument Used for Monitoring**

Instrument Id No	UERL-D/AIR/HDS/01		
Instrument Name	Handy Sampler	Serial Number	91-I-19
Calibration Date	02/02/2024	Next Calibration Due On	01/02/2025

➤ **General Stack Monitoring Observation**

Sr. No.	Description	Unit of Measurement	Observation
1.	Stack Height	m	11
2.	Ambient Temperature	°C	30

➤ **Test Parameter Results**

DISCIPLINE – CHEMICAL TESTING			NAME OF GROUP – ATMOSPHERIC POLLUTION		
Sr. No.	Test Parameter	Unit of Measurement	Result	GPCB Limits	Test Method
1.	Hydrochloric Acid as HCl	mg/Nm ³	BDL (MDL:1.0)	20	Argentometric Method
2.	VOCS	PPM	2.7	**	GC Method

Note: BDL: Below Detection Limit.

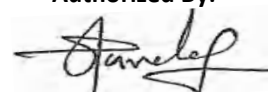
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)



DAHEJ SEZ LIMITED

(A Joint Venture of GIDC & ONGC)

Office of Dahej SEZ Limited, Dahej SEZ Part-1,

At & Post - Dahej, Ta -Vagra, Dist - Bharuch (Gujarat)

Tele Number : 02641 - 256462, TeleFax No. : 02641 - 256466

Website : www.dahejsez.com, CIN - U45209GJ2004PLC044779

No.: DSL/DHJ/Aarti Ind. Ltd./2020/0321

Date: 25th Sep, 2020

To,

✓ Aarti Industries Ltd.

Plot No. Z/103/H,

Dahej SEZ Part-2.

Sub: Approval for development of green belt opposite to M/s. Tatva Chintan Pharmachem Pvt. Ltd. at Dahej SEZ Part - 2

Ref.: Your e-mail dated 25.09.2020

Dear Sir,

With reference to above & your e-mail dated 21.05.2020 regarding above subject matter, please refer our approval on e-mail dated 22.05.2020. It is requested to start the development of green belt in consultation with our Horticulture Supervisor, Mr. Ankit - Mo.: 9925898471 & Site Engineer, Mr. A. B. Padhiyar - Mo.: 9879550485.

DSL will provide all support to M/s. Aarti Ind. Ltd. for development of green belt in Dahej SEZ Area.

Thanking you,

Yours faithfully,

Manager (Infra.)
Dahej SEZ Limited.

Copy to:

1. Horticulture Supervisor, DSL, Dahej
2. Site Engineer, DSL, Dahej

SEZ PART - II



LEGEND

	SEZ BOUNDARY
	ROAD
	PLOT BOUNDARY
	UTILITY CORRIDOR
	GIDC ROAD (OUT SIDE SEZ)
	NON PROCESSING AREA
	PLOT NUMBER
	CRZ LINE (VB)
	CRZ LINE (NB)

NOTE:

- * ALL DIMENSIONS ARE IN METER.
- * ANY DISCREPANCY IN THE DRG. OR PLAN MUST BE NOTIFIED TO C.E.O.
- * NO PART OF THIS PLAN SHOULD BE CHANGED WITHOUT CONSENT OF THE C.E.O.
- * THE ROAD WIDTH REFER TO THE ROAD RIGHT OF WAY.
- * THE MAP WAS COMPUTERIZED BY S.K. PARMAR ON AUTOCAD IN GIDC Dt. 16/03/1998
- * THE DEVELOPMENT PLAN WAS MODIFIED IN GIDC Dt. 08/07/2009
- * DEVELOPMENT PLAN OF DANESJ SEZ IS MODIFIED BY P.K. P. Dt. 16/03/1998

Ref: AIL/DHJ/NEO/ENV/2025-26/01

Date: 12.05.2025

XGN ID: 41201

To,
The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector - 10 / A
Gandhinagar - 382 043

**Subject : Submission of Annual Return Form-3 & Form-4 under Hazardous Waste Rule, 2016
for April-2024 to March-2025.**

**Reference : The Hazardous And other Wastes (Management & Transboundary Movement)
Rules 2016 & amended thereafter.**

Respected Sir,

With reference to the above mentioned subject, please find herewith the Annual Return (form IV) for the period April-2024 to March-2025 in Form-3 and Form-4 for Aarti Industries Limited (Unit-1) located at Z/103/H, Tal. Vagra, Dahej SEZ - II, Dist. Bharuch - 392130.

We hope that the above is in order.

Thanking you.

Yours faithfully

For, Aarti Industries Limited (Unit-1)


Authorized Signatory

Encl : as above

CC: 1. The Regional Officer

C-1/119/3, GIDC Phase II, Narmadanagar, Bharuch - 392015

2. The Unit Head-, Hazardous Waste Cell, Gujarat Pollution Control Board
Paryavaran Bhavan, Sector - 10 / A, Gandhinagar - 382 043




Post Received
Gujarat Pollution Control Board
BHARUCH

**MONA PRINT PRIVATE LIMITED**

(formerly known as Mittal GlobeTex Private Limited)

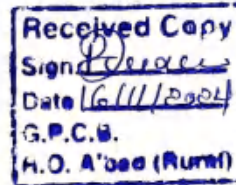
CIN: U17299GJ2021PTC128066

Registered Office : 18, 407/1, R.K. Estate,
Behind Rollan Estate Near Gita Process, Ishanpur Road, Narol,
Ahmedabad-382405, Gujarat. M.: 9979855609

Date: 16.11.2024

GPCB ID : 89932

To,
Regional Office, Ahmedabad (Rural)
Gujarat Pollution Control Board,
Deffodills Avenue, Near Zydus Research Center,
Sarkhej-Bavla Highway, NH No.8A,
Moraiya- 382213, Ta. Sanand, Dist. Ahmedabad.



Subject: Intimation for Utilization of Aluminium Hydroxide -Al(OH)₃ Under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Respected Sir,

With reference to the above mentioned subject, we would like to receive the Aluminium Hydroxide -Al(OH)₃, from **M/s. Aarti Industries Limited**, located at Plot No. Z/103/H, Dahej SEZ-II, Tal Vagra, Dist: Bharuch, Gujarat.

A copy of the CC&A of our Unit is attached as Annexure I and valid CCA of M/s. Aarti Industries Limited, Dahej, is attached as Annexure II. We have also entered into MOU which is enclosed herewith as Annexure-III.

We have taken the ETP on lease from M/s. Pradip Overseas Ltd. (XGN Id: 13108) for which both parties M/s. Pradip Overseas Ltd. (XGN Id: 13108) & M/s. Mona Prints Private Limited (XGN Id: 89932) has obtained the requisite permission from GPCB. The trial run has already been conducted for the utilization of Aluminium Hydroxide Al(OH)₃ in the ETP for neutralization and flocculation agents and also as per the 33rd TEC CPCB Meetings, committee recommended for the utilization. Unit is awaiting the SOP from CPCB, once SOP released unit will apply for the authorization and passbook to GPCB.

We are submitting this letter for your kind consideration and your information.

Thanking you Sir,

For M/s. Mona Prints Pvt. Ltd.



Authorized Signatory

Process House :
104, 105, Chacharwadi, Vasna, Opp. Zudus Cadila, Changodar, Ahmedabad-382 213



MONA PRINT PRIVATE LIMITED

(formerly known as Mittal GlobeTex Private Limited)

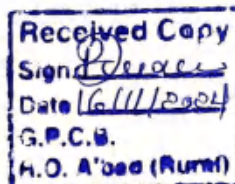
CIN: U17299GJ2021PTC128066

Registered Office : 18, 407/1, R.K. Estate,
Behind Rollan Estate Near Gita Process, Ishanpur Road, Narol,
Ahmedabad-382405, Gujarat. M.: 9979855609

Date: 16.11.2024

GPCB ID : 89932

To,
Regional Office, Ahmedabad (Rural)
Gujarat Pollution Control Board,
Deffodills Avenue, Near Zydus Research Center,
Sarkhej-Bavla Highway, NH No.8A,
Moraiya- 382213, Ta. Sanand, Dist. Ahmedabad.



Subject: Intimation for Utilization of Aluminium Hydroxide -Al(OH)₃ Under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

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A copy of the CC&A of our Unit is attached as Annexure I and valid CCA of M/s. Aarti Industries Limited, Dahej, is attached as Annexure II. We have also entered into MOU which is enclosed herewith as Annexure-III.

We have taken the ETP on lease from M/s. Pradip Overseas Ltd. (XGN Id: 13108) for which both parties M/s. Pradip Overseas Ltd. (XGN Id: 13108) & M/s. Monaprints Private Limited (XGN Id: 89932) has obtained the requisite permission from GPCB. The trial run has already been conducted for the utilization of Aluminium Hydroxide Al(OH)₃ in the ETP for neutralization and flocculation agents and also as per the 33rd TEC CPCB Meetings, committee recommended for the utilization. Unit is awaiting the SOP from CPCB, once SOP released unit will apply for the authorization and passbook to GPCB.

We are submitting this letter for your kind consideration and your information.

Thanking you Sir,



For M/s. Monaprints Pvt. Ltd.

Authorized Signatory

Process House :
104, 105, Chacharwadi, Vasna, Opp. Zudus Cadila, Changodar, Ahmedabad-382 213



IN-GJ99736706792172W



सत्यमेव जयते

INDIA NON JUDICIAL

Government of Gujarat

Certificate of Stamp Duty

Certificate No. : IN-GJ99736706792172W

Certificate Issued Date : 16-Nov-2024 11:20 AM

Account Reference : IMPACC (AC)/ gj13051511/ DHOLKA/ GJ-AH

Unique Doc. Reference : SUBIN-GJGJ1305151113518383298395W

Purchased by : MONA PRINT PRIVATE LIMITED

Description of Document : Article 5(h) Agreement (not otherwise provided for)

Description : MOU

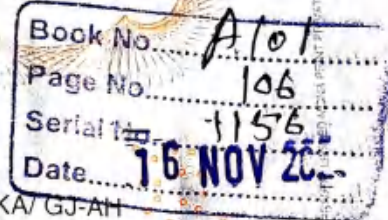
Consideration Price (Rs.) : 0
(Zero)

First Party : MONA PRINT PRIVATE LIMITED

Second Party : AARTI INDUSTRIES LIMITED

Stamp Duty Paid By : MONA PRINT PRIVATE LIMITED

Stamp Duty Amount(Rs.) : 300
(Three Hundred only)



0029178444

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.shcstamp.com or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In a case of non-compliance the user informs the Government authorities.

ANNEXURE - III



Memorandum of Understanding

This **Memorandum of Understanding** (hereinafter referred to as "MOU") is made and entered into on this 15th day of November 2024 (hereinafter referred to as the "Effective Date")

BY AND BETWEEN

AARTI INDUSTRIES LIMITED, a company incorporated under the laws of India, having its manufacturing unit at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch -392130, Gujarat and also having its corporate office at 402, 4th Floor, Tower C, Embassy 247, LBS Road, Gandhi Nagar, Vikhroli (West), Mumbai - 400 083, Maharashtra, India (hereinafter referred to as the "**Generator**") (which expression shall, unless repugnant to the subject, context or meaning thereof, be deemed to mean and include its successors and assigns) of the **One Part**;

AND

MONA PRINT PRIVATE LIMITED a company incorporated under the laws of India, having its manufacturing unit located at 104 paiki & 105 paiki, Opp. Zydus Cadila, Sarkhej-Bavla Highway, Vasana Chacharwadi-382213 Tal. Sanand, Dist. Ahmedabad, Gujarat hereinafter referred to as "**Utilizer**" (which expression shall unless it be repugnant to the subject, context or meaning thereof, be deemed to mean and include its successors and assigns) of the **Other Part**

Generator and Utilizer are hereinafter individually referred to as "**Party**" and collectively as "**Parties**"

NOW, THEREFORE, for and in consideration of the foregoing premises and of the mutual covenant hereinafter stipulated, the Parties hereto, one with the other, do hereby agree as follows:

Sr. No.	Clause Title	Description
1.	RECITALS	<p>A. Generator is engaged inter-alia in the business of manufacturing, marketing, sale and distribution of specialty chemicals related downstream products;</p> <p>B. Utilizer is engaged in the business of <i>inter alia</i> Dyeing, Printing, Processing of cloth and is operating an Effluent Treatment Plant ("ETP") located at 104 paiki & 105 paiki, Opp. Zydus Cadila, Sarkhej-Bavla Highway, Vasana Chacharwadi - 382213 which has been granted on lease by Pradip Overseas Pvt. . Ltd., ("Facility")</p> <p>C. Generator has approached the Utilizer for the safe utilization of the Hazardous Waste (<i>defined below</i>) which is generated at Generator's manufacturing site located at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch -392130, Gujarat in an environmentally friendly manner. Thereafter, the Utilizer has offered to offtake the Hazardous Waste for safe disposal.</p>
2.	PROPOSED TRANSACTION	The Utilizer has represented and assured Generator that it has necessary statutory and regulatory approvals for receiving the Hazardous Waste. On such representation and assurances of Utilizer,

SANDHYA
GAUTAM
TOLAT

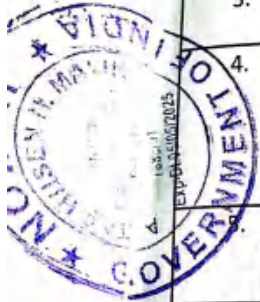
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SANDHYA GAUTAM
TOLAT
Date: 2024.11.15
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FOR, MONA PRINT PRIVATE LIMITED

AUTHORISED SIGNATORY



		Generator has evaluated and selected Utilizer for receiving and utilizing the Hazardous Waste generated from the manufacturing site of the Generator located at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch -392130, Gujarat and will execute safe utilization of the same as per applicable rules and laws including Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.
3.	BINDING NATURE	This MOU is binding on the Parties during the Term as mentioned hereinbelow.
4.	HAZARDOUS WASTE	"Hazardous Waste" shall mean Aluminum Hydroxide i.e., $Al(OH)_3$ that is being transferred to the Utilizer's facility for utilization as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 ("H&OWM Rules") and its subsequent amendments thereof.
	MOU QUANTITY	It is hereby agreed between the Parties that a maximum of 7,500 MT per year of the Hazardous waste shall be supplied by Generator to Utilizer.
6.	DELIVERY TERMS	<ol style="list-style-type: none">Parties agree that pickup of the Hazardous Waste from the Generator's facility to the Utilizer's Facility for transportation will be the responsibility of the Utilizer.Utilizer shall provide suitable tankers or any other transit vehicles (Vehicles) as per the specifications, prescribed by any government authority to Generator or as prescribed by the Generator for transporting the Hazardous Waste to the Utilizer's unit in compliance with all applicable laws of India.Utilizer shall use AIS-140 compliant Global Positioning System (GPS) enabled tankers and shall ensure API development of GPS of all the vehicles with Aarti Logistics Control Room (ALCR) before engaging in the services.Utilizer shall comply with the Motor Vehicles Act, 1988 and its Rules and any other applicable laws framed thereunder for carrying Hazardous Waste chemicals.
7.	JOINT RESPONSIBILITIES OF GENERATOR AND UTILIZER	<ol style="list-style-type: none">Both the Parties, the Generator and the Utilizer/End user, shall keep record of inventory of Hazardous Waste generation, reception, disposal & utilization (as applicable) as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 ("H&OWM Rules") and shall make inventory available for inspection.Both the Parties, the Generator and the Utilizer, shall strictly follow CPCB guidelines of the H&OWM Rules and its amendments.Both the Parties, the Generator and the Utilizer, shall install and operate CCTV surveillance system with 24x7 recordings at their Facility and at least 1 (one) month's storage of footage be made available for inspection at any given point of time.



SANDHYA
GAUTAM
TOLAT

Digitally signed by
SANDHYA GAUTAM
TOLAT
Date: 2024.11.15
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FOR, MONA PRINT PRIVATE LIMITED

AUTHORISED SIGNATORY



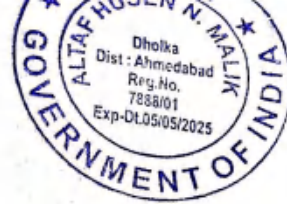
8. GENERATOR ROLES & RESPONSIBILITIES	<p>Key Roles & Responsibilities of Generator are:</p> <ol style="list-style-type: none">1. Generator shall keep record of inventory of Hazardous Waste generation, disposal & stock (as applicable) and shall make inventory available for inspection as per the H&OWM Rules, and its subsequent amendments thereof.2. Generator shall ensure that Hazardous Waste shall be sent with the proper online manifest generated through Gujarat Pollution Control Board ("GPCB") XGN site invariably.
9. UTILIZER ROLES & RESPONSIBILITIES	<p>Key Roles & Responsibilities of Utilizer are:</p> <ol style="list-style-type: none">1. The Utilizer shall submit the certificate of receipt and utilization of Hazardous Waste (inventory) on a monthly basis to the Generator.2. Utilizer shall ensure return of duly signed and stamped copy of manifest system (Copy-4) to the transporter after accepting the consignment of Hazardous Waste as per H&OWM Rules.3. Utilizer shall ensure returning of duly signed and stamped copy of manifest system (Copy-6) to Generator as per H&OWM Rules.4. Utilizer shall ensure to accept the manifest on GPCB XGN site after receiving the consignment of waste as per GPCB-XGN requirements.5. Utilizer shall ensure written communication to Generator through email for acceptance of consignment with receipt vehicle photo at the end users gate and integrity of seal applied on valves/manholes of the vehicles carrying Hazardous Waste.6. The Utilizer shall follow and comply with requirements of guidelines/checklists formulated by the Generator.7. The Utilizer shall ensure written communication to Generator through email for acceptance of Hazardous Waste within one (1) day of receiving it at their premise.8. The Utilizer has to obtain the Authorization and Passbook from GPCB whenever the SOP is issued by the Central Pollution Control Board ("CPCB"). Utilizer will use the Hazardous Waste for the neutralization and flocculation in the ETP.9. The Utilizer shall not exceed the permitted/applied quantity of Hazardous Waste from all Generators.10. The Utilizer shall be responsible in case of any illegal disposal of Hazardous Waste during the transportation and shall safely transport the waste from the premises of the Generator till the premises of the Utilizer11. Utilizer shall be responsible for the compliance of Motor Vehicles Act, 1988, H&OWM Rules and the Rules framed thereunder for carrying Hazardous Chemicals/waste.12. Utilizer shall be responsible for maintaining the record of Manifest system-Copy-3 at their end for inspection/verification.

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FOR, MONA PRINT PRIVATE LIMITED

AUTHORISED SIGNATORY



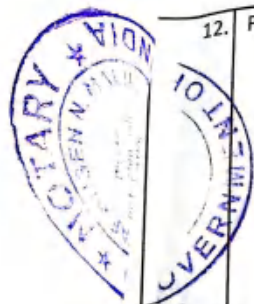
		<p>13. Transporter selection by Utilizer shall be as per the H&QWM Rules, Motor Vehicles Act, 1988 and other related rules & regulations.</p> <p>14. The Utilizer shall ensure that the tanker shall be dedicated for transportation of Hazardous Wastes and shall not be used for any other purposes.</p> <p>15. The Utilizer shall ensure the cleaning of vehicles carrying Hazardous waste shall be carried out at designated places duly authorized by respective Pollution Control Board/Committee.</p> <p>16. Utilizer shall be responsible for maintaining the record of Manifest system-Copy-4 at their end for inspection/verification.</p> <p>17. Utilizer selection by Utilizer shall be as per the H&OWM Rules, The Motor Vehicles Act, 1988, and other related rules & regulations.</p>
10.	GENERATOR REPRESENTATION	<p>1. Generator has represented and assured Utilizer that it has the CC&A No./ Consent issued by Gujarat Pollution Control Board ("GPCB"), Gujarat bearing No. AWH- 131146 issued on 02.03.2024 & valid up to 19.05.2028 & its further amendments thereafter for a quantity of 25,543 MT per Year of Hazardous Waste.</p>
11.	UTILIZER REPRESENTATION	<p>2. Utilizer has represented and assured Generator that it has all the statutory approvals and permits for operating such a Hazardous Waste processing unit in an environmentally compliant manner and possess the necessary skills, manpower, knowledge and ability to do so.</p> <p>3. Utilizer has represented and assured Generator that it has the CC&A No./ Consent issued by Gujarat Pollution Control Board, Gujarat bearing No. AWH-128503 Issued on 17.08.2023 which is valid up to 31.03.2028.</p>

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12.	FORCE MAJEURE	<ol style="list-style-type: none">1. This MoU and its performance shall be subject to Force Majeure.2. For the purpose of this clause Force Majeure shall mean and include any act of God, flood, explosion, earthquake, cyclone, storm, tidal wave, drought, landslide or similar disturbance, sabotage, fire, accident, insurrection, terrorist attack, fire, explosion, hurricane, tempest, embargo, landslide, perils at the sea, transporters strike, riot, plant breakdown, blockage, machinery breakdown confiscation, embargo, pandemic, epidemic, change in law or order of any judicial/statutory/administrative/local authority or body, change in any act, order, proclamation, decree, war, strike, lock-out including at plant or mines, quarantine, in or other acts of God or any other event beyond the reasonable control, civil commotion regulation, ordinance, instruction, directives of government, and any other events beyond reasonable control of the Parties. ("Force Majeure").3. Either Party affected by Force Majeure shall be temporarily relieved from their obligations during the period of time such Force Majeure events continue and to the extent their liabilities are affected shall stand suspended and shall notify other Party of the same. Parties agree that Force Majeure shall not in any manner absolve each of them from their subsisting and continuing obligations under the MoU which are not affected by Force Majeure.4. If an event of Force Majeure continues for more than 30 (thirty) calendar days, then Parties shall amicably discuss a way forward, including extending the Term.
13.	TERM	This MoU shall come into effect on the Effective Date and shall remain valid until the expiry of Consent/CC&A of either Generator or Utilizer, whichever is earlier. (" Term ").
14.	TERMINATION	<ol style="list-style-type: none">1. Generator may terminate this MOU upon thirty (30) days prior notice to the other Party.2. Either party reserves the right to suspend or terminate this MOU in the event of the other Party committing any breach/violation of the condition of the present MOU or any provision of applicable law or regulation for the time being in force and such party fails/neglects to remedy the breach within thirty (30) days of such notice.3. Additionally, the Generator may terminate this MOU with immediate effect if the Utilizer is adjudged as insolvent or is subject to bankruptcy or insolvency or has receiver appointed upon its assets, or subject to any judicial enquiry or investigation for breach of applicable laws on anti-corruption, anti-bribery or money laundering or otherwise, or subject to any litigation, the outcome of

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AUTHORISED SIGNATORY



		which is likely to have a material adverse effect on this MOU.
15.	INDEMNITY BY UTILIZER	The Utilizer shall defend, indemnify and hold harmless directors, employees and agents of Generator against any and all direct claims, demands, fines, losses, damages, costs, penalties, expenses, actions, suits or proceedings, injuries, monetary liability on account of any act or omission, breach or nonconformance by the Utilizer with respect to the provisions contained in this MOU or any statutory or regulatory non-compliance.
16.	GOVERNING LAW AND JURISDICTION	This MoU shall be governed by, and construed in accordance with the laws, rules and regulations of India as amended or modified from time to time. The Competent Courts at Ahmedabad, India shall have sole and exclusive jurisdiction to try and entertain any disputes which may arise between the Parties.
17.	DISPUTE RESOLUTION	Any dispute or differences under or in relation to this MoU or its interpretation thereof shall be amicably resolved by the Parties within a period of thirty (30) days from the date of reference of the dispute by one Party to another. In the event the Parties fail to amicably resolve the dispute within the aforesaid period, such dispute/difference shall be referred to and resolved by binding arbitration of a sole arbitrator appointed in accordance with the Rules of the Mumbai Centre of International Arbitration ("MCIA Rules"), which MCIA Rules are deemed to be incorporated by reference into this Clause. The seat or legal place /venue of arbitration shall be Ahmedabad. The language to be used in the arbitral proceedings shall be English.

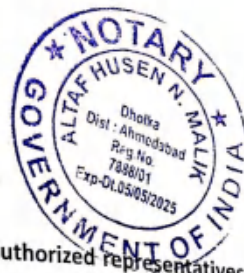
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FOR, MONA PRINT PRIVATE LIMITED

AUTHORISED SIGNATORY

IN WITNESS WHEREOF, the Parties have executed this MoU through their authorized representatives on the date and year first hereinabove mentioned.



SIGNED AND DELIVERED by the within named **AARTI INDUSTRIES LIMITED** through its Authorized Signatory

Ms. Sandhya Tolat in the presence of:

**SANDHYA
GAUTAM
TOLAT**

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**SANDHYA GAUTAM
TOLAT**

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Ms. Sandhya Tolat

For **AARTI INDUSTRIES LIMITED**

(General Counsel & Authorized Signatory)

SIGNED AND DELIVERED by the within named **MONA PRINT PRIVATE LIMITED** through its Authorized Signatory

Mr. A. N. Sachoo in the presence of:

FOR, MONA PRINT PRIVATE LIMITED


AUTHORISED SIGNATORY

Mr _____

For **MONA PRINT PRIVATE LIMITED**

(Authorized Signatory)

**SIGNED
BEFORE ME**

**ALTAf N. MALIK
NOTARY
GOVT. OF INDIA.**

16 NOV 2024





महाराष्ट्र MAHARASHTRA

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BX 438304



Service Agreement

This Service Agreement (hereinafter referred to as the "Agreement"), is made at Mumbai and entered into this on 17th day of May 2023.

By and between

AARTI INDUSTRIES LTD, a Company incorporated under the Companies Act, 1956 and having its corporate office at 71, Udyog Kshetra, 2nd floor, Mulund Goregoan Link Road, Mulund (West), Mumbai-400080, Maharashtra, India. (hereinafter referred to as "First Party/AARTI INDUSTRIES LTD"), which expression shall, unless repugnant to the context or meaning thereof, mean and include its legal representatives, administrators, executors, successors and permitted assigns) of the One part.

And



जोडपत्र - २

24 MAR 2023

मुद्रांक विहीन नोंदणी

मुद्रांक क्रमांक 638441 दिनांक

कराव्या प्रकार -

कराव्या नोंदणी करणार आहे का ? होय/नाही

मिळविलेली थोडक्यात सर्वात -

मुद्रांक विकत घेणाऱ्याचे नांव - AARTI INDUSTRIES LTD.

इसले असल्यास त्याचे नांव, UDYOG KSHETRA, 2nd FLOOR,

पत्ता व सही - L.B.S. MARG, MULUND GOREGAON,
JINK ROAD, MULUND (W),
MUMBAI - 400 080.

मुद्रांक पक्षकाराचे नांव -

मुद्रांक शुल्क रक्कम -

मुद्रांक विक्रेत्याची सही - (संकर सहायराव यादव)

मुद्रांक विक्रीचे ठिकाण/पत्ता - ठाणे जिल्हा जवन व्यायालय,

ठाणे (प.) - 400 609.

परवाना मुद्रांक क्रमांक - 9209019

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी
त्याच कारणासाठी मुद्रांक खरेदी केलेल्यापासून
६ महिन्यात वापरणे बंधनकारक आहे.





महाराष्ट्र MAHARASHTRA

2022

45AA 015350



जिल्हा कोषागार कार्यालय,

23 MAR 2023

मुख्य लिपीक / लिपीक

And

Ambuja Cements Limited, a Company incorporated under the Companies Act, 1956 and having its Registered Office at Shantigram Road, Near Vaishnav Devi Circle, S. G. Highway, Shantigram, Gujarat 382421 having its division/ unit/ section as "Geocycle" that provides specialized services for thermal destruction or recovery of hazardous/ non Hazardous waste material in cement kilns(hereinafter referred to as "Second Party/ACL", which expression shall, unless repugnant to the context or meaning thereof, mean and include its legal representatives, administrators, executors, successors & permitted assigns) of the Other part.



जोडपत्र - २

29 MAR 2023

कुल विक्री मूल्य

क्रमांक

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दिनांक

वस्तुचा प्रकार -

इसत मोदणी करणार आहे का ?

होय/नाही

मिळवणीसाठी श्रेष्ठतयात वर्गीत -

मुद्रांक विक्री घेण्याचे नांव -

इसत जसवन्ना त्याचे नांव,

पत्ता व स्थळ -

हुसत्या वाड्याचा नांव -

मुद्रांक शुल्क रकम -

मुद्रांक विक्रीसाठी लढी - (शंकर साहेबराव यादव)

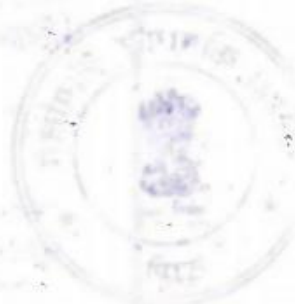
मुद्रांक विक्रीचे ठिकाण/पत्ता - ठाणे जिल्हा, मुंबई न्यायालय.

आय (प.) - ३०० ६०५.

परवाना मुद्रांक क्रमांक - १२०१०३५

ज्या कायद्यासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी
त्याच कायद्यासाठी मुद्रांक खरेदी केल्यापासून
६ महिन्यांचा वापरले बंधनकारक आहे.

AARTI INDUSTRIES LTD.
UDYOG KSHETRA, 2nd FLOOR,
L.B.S. MARG, MULUND GOREGAON,
LINK ROAD, MULUND (W),
MUMBAI - 400 080.



WHEREAS, AARTI INDUSTRIES LTD is, engaged in the business of Manufacturing Specialty Chemicals & intermediates and having its Plant situated at **PLOT NO: Z/103/H, SEZ-II, Dahej, Tal: Vagra, Dist-Bharuch** Gujarat (hereinafter referred to as "**Manufacturing Plant**") and is in search of a cost effective and environment- friendly method of disposing of Hazardous Mix solid waste, category 33.1 as mentioned in Annexure A (hereinafter referred to as the "Waste Material") which are categorized as **Hazardous Waste** as per **Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016**.

AND WHEREAS, ACL is in the business of manufacturing and sale of different types and grades of cement and has the capability to dispose of the waste materials in an environment friendly as per applicable laws manner in the cement kiln process having high temperature and long residence time (hereinafter referred to as "**Co-Processing**") while simultaneously producing a cement of desired quality.

AND WHEREAS, Geocycle is a business unit of ACL that provides specialized services for thermal destruction or recovery of hazardous/non hazardous waste material in cement kilns.

AND WHEREAS AARTI INDUSTRIES LTD has approached ACL for evaluating the feasibility of safe disposal of the Waste Material which is generated at its Manufacturing Plant, in an environment-friendly manner and based on the successful evaluation report, ACL has offered to Co-Process the Waste Material generated by AARTI INDUSTRIES LTD's, **PLOT NO: Z/103/H, SEZ-II, Dahej, Tal: Vagra, Dist-Bharuch** Gujarat Manufacturing Plant in the Cement Kiln at ACL's **Ambujanagar Cement Works, Ambujanagar Cement works, Survey No. 315-320, 351-352, 395-410, P.O. Ambujanagar, Taluka-Kodinar, District - Gir, Somnath, Gujarat - 362715** (hereinafter referred to as the "**Cement Plant**").

AND WHEREAS, AARTI INDUSTRIES LTD and ACL have agreed that ACL shall provide the services of Co-Processing the Waste Material in the Cement Kiln at its Cement Plant (hereinafter referred to as the "**Services**"), subject to AARTI INDUSTRIES LTD and ACL obtaining all statutory clearances, consents, no objection certificate, writings and confirmations as may be applicable from various authorities and Government Agencies for the said purpose.

NOW, THEREFORE, for and in consideration of the foregoing premises and of the mutual covenant hereinafter stipulated, the Parties hereto, one with the other, do hereby agrees as follows:



1.0 Execution of Services

1.1 Scope

ACL shall during the Term of the Agreement (as set out in Clause 7 hereinbelow), provide the Services i.e. Co-Processing of all the consignments of Waste Material of AARTI INDUSTRIES LTD, delivered to the Cement Plant of ACL, which conform to the specification set out in Annexure A attached to the Agreement and which does not contain any of the item listed in the banned item list as set out in Annexure B attached to the Agreement.

1.2 General Responsibilities of the Parties

1.2.1 Quantity & Schedule of Delivery

1.2.1.1 AARTI INDUSTRIES LTD shall make available the agreed quantities of Waste Material generated at its Manufacturing Plant in a separate storage area as set out in Annexure D to ACL for the provision of Services and ACL shall provide the Services on the basis of the delivery schedule as decided by mutual discussion of both parties.

1.2.2 Packaging and Labeling

AARTI INDUSTRIES LTD shall arrange for the following, prior to dispatch of Waste Material to ACL:

1.2.2.1 Packaging of the materials will be as follows: -

Mix solid waste in Low Density Polyethylene (LDPE/HDPE) bag and lock with plastic lock or Jumbo bags in truck

1.2.2.2 Label every vehicle loaded with waste material with Form 8 as per format set out in Annexure C attached to the Agreement, both in English and Local Language and other relevant identification as stipulated under applicable laws.

1.2.2.3 Before Waste Material is loaded in the transportation facilities of ACL, AARTI INDUSTRIES LTD shall ensure that the said Waste Material is packed in a manner suitable for transportation (so that no leakage/Seepage shall occur during the transit and after reaching ACL's factory). The packing cost will be borne by AARTI INDUSTRIES LTD.

1.2.2.4 If and when an accident occurs while loading Waste Material at the AARTI INDUSTRIES LTD's site, AARTI INDUSTRIES LTD shall immediately report to ACL and State Pollution Control Board (SPCB) about the accident.

1.2.3 Testing for conformance (Lab Testing/inspection of Waste Material):

1.2.3.1 Upon finalized delivery schedule, ACL may arrange to appoint a representative, who may carry out the representative sampling/ inspect the waste, to make sure that the Waste Material is loaded in proper condition and the transporting vehicle is properly covered and tied up or not.

1.2.3.2 ACL shall, at its own expense, arrange to analyze the sample, in order to check whether the Waste Material conforms to Annexure A and Annexure B as set out in the Agreement and inform its acceptance/rejection as the case may be, to AARTI INDUSTRIES LTD within 10 (days) of carrying out of the representative sampling.



1.2.4 Roles/Responsibilities of the Parties, in case the Waste Material are not accepted:

1.2.4.1 In case, ACL is in receipt of any consignment that contains banned items or materials other than agreed between the parties as mentioned in Annexure A and/or the requirement under clause 1.2.2 (Packaging & labeling), then ACL shall be entitled to refuse the acceptance of such consignment and shall intimate the same to AARTI INDUSTRIES LTD within 24 hrs of the receipt of consignment at ACL's Plant. ACL shall arrange to transport that consignment within 48 hrs from the time of intimation from ACL on the refusal of acceptance of such consignment. AARTI INDUSTRIES LTD will bear the expense of transporting the rejected material back. ACL shall also ensure all its transport vehicle and be liable for any accident, death, injury or environment damages caused while in transit and AIL shall not be liable or responsible for the same.

1.2.5 Roles/Responsibilities of the Parties, in case the Waste Material is accepted/conforming in nature

1.2.5.1 Subject to accumulation of accepted and properly packed quantum of one/two truck load, ACL shall arrange for authorized transporter for transportation of Waste Material from AARTI INDUSTRIES LTD's Manufacturing Plant based on the mutually agreed delivery schedule and shall guide the transporter on the measures to be taken during transportation in case of any emergencies on the basis of the information provided by AARTI INDUSTRIES LTD for safe handling of the Waste Material as set out in Annexure F attached to the Agreement .

1.2.5.2 AARTI INDUSTRIES LTD shall be solely responsible for the loading of the accepted lots of Waste Material into the vehicle and also responsible for ensuring that all precautionary measures shall be complied with, to avoid any fire, explosion or accident during the loading of the Waste Material at AARTI INDUSTRIES LTD's Manufacturing Plant into vehicle provided by ACL and ACL may have the discretion to supervise/witness the loading activities of the accepted lot of Waste Material.

1.2.5.3 AARTI INDUSTRIES LTD shall provide orientation through training to the designated transporter of ACL on Health and Safety Rules as applicable at AARTI INDUSTRIES LTD's Manufacturing Plant and shall guide the transporter on the measures to be taken in case of emergency during transportation of Waste Material from AARTI INDUSTRIES LTD's Manufacturing Plant to ACL's Cement Plant.

1.2.5.4 AARTI INDUSTRIES LTD shall be responsible for the compliance of all statutory regulations and guidelines as applicable to its employees, agents or representatives engaged in loading, storage and handling of Waste Material at AARTI INDUSTRIES LTD's Manufacturing Plant for onward dispatch to the Cement Plant of ACL.



1.2.5.5 ACL shall be responsible for the compliance of all statutory regulations and guidelines as applicable to its employees, agents or representatives engaged in transportation from AARTI INDUSTRIES LTD's Manufacturing Plant to ACL's Cement Plant, unloading, storage, handling and Co-processing of Waste Material at its Cement Plant.

1.2.5.6 AARTI INDUSTRIES LTD shall provide to ACL all relevant information relating to safe handling and storage practices of the Waste Material while carrying out the sampling, testing, pre-processing (if any), during transportation, storage of the Waste Material at ACL's Cement Plant and provide reasonable assistance in inspection and confirmation of the suitability of the storage arrangement made by ACL at its Cement Plant to store the Waste Material.

1.2.5.7 AARTI INDUSTRIES LTD shall, at its own cost, arrange to get every consignment of Waste Material weighed at the weighbridge at the authorized designated place near its Manufacturing Plant and issue the weighbridge challan to the transporter while dispatching the consignment of Waste Material to the Cement Plant of ACL.

1.2.5.8 Prior to dispatch of each consignment from AARTI INDUSTRIES LTD's Manufacturing Plant to ACL's Cement Plant, AARTI INDUSTRIES LTD shall provide the following information/documents to the Transporter:

- a) Four copies of filled Manifest Form and TREM Card as stipulated under Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016.
- b) Guide the transporter on the movement of the Manifest Form and measures to be taken in case of emergency during transportation of the Waste Material.
- c) Document indicating the nil commercial value and certificate specifying conforming/accepted Waste Material.

1.2.5.9 All risks and liabilities shall transfer from AARTI INDUSTRIES LTD to ACL, on ACL's vehicle loaded with accepted Waste Material leaving AARTI INDUSTRIES LTD's Manufacturing Plant as per Annexure A & B.

1.2.5.10 ACL declares and confirms that it shall comply with the Protocols for receipt of Waste Material as set out in Annexure E attached with this Agreement.

1.2.5.11 ACL shall arrange for weighment, unloading and storage of Waste Material. The weighment of the Waste Material shall be carried out and recorded at the weighbridge located at ACL's Cement Plant for cross verification and will be used for documentation and payment purposes. In the event of any dispute relating to the actual quantities of Waste Material dispatched by AARTI INDUSTRIES LTD and received by ACL, the Parties hereto shall resolve the same in good faith through discussion on the appropriate actions required to be taken for verification and correction of any discrepancy.



1.2.5.12 ACL shall store the Waste Material in the storage area(s) at its Cement Plant in accordance with the Risk Assessment and Crisis Management Plan to be prepared in consultation with AARTI INDUSTRIES LTD on the basis of Health & Safety Data Sheets provided by AARTI INDUSTRIES LTD as set out in Annexure F attached to the Agreement.

1.2.5.13 In the event ACL is required to comply with statutory regulations and guidelines framed by the concerned authorities or Government Agency relating to emission monitoring for demonstrating the performance of Co-processing of the Waste Material pursuant to the Agreement, the same shall be complied with by ACL in consultation with AARTI INDUSTRIES LTD. Provided, the reasonable costs for the same shall be borne by AARTI INDUSTRIES LTD.

ACL shall comply and be bound by the AARTI INDUSTRIES LIMITED Code of Conduct and Ethics & Fair Business Practises <https://www.aarti-industries.com/investors/code-and-policies>

1.3 Obligations of AARTI INDUSTRIES LTD

- 1.3.1 AARTI INDUSTRIES LTD shall provide ACL different categories of Waste Material that it desires to dispose of. These categories of Waste Material shall be as per the parameters specified in the Schedule of Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016 as amended from time to time. AARTI INDUSTRIES LTD shall also give true and correct information related to the description, amount, nature and toxicity of Hazardous Waste Material.
- 1.3.2 AARTI INDUSTRIES LTD shall take all Primary Treatment arrangements at its premises prior to transportation to ACL of any Waste Material that may be notified by ACL or SPCB or any other Authority prescribed under the relevant provisions of the law on this behalf for the time being in force.
- 1.3.3 AARTI INDUSTRIES LTD shall comply with the provisions of the Environment (Protection) Act, 1986 and the Rules as amended from time to time as also with the condition of the present Agreement and that any breach of this Agreement committed by the AARTI INDUSTRIES LTD will allow ACL to terminate this Agreement.

2.0 CERTIFICATE OF CO-PROCESSING

ACL shall at the beginning of each month during the term of this agreement, issue to AARTI INDUSTRIES LTD Certificate of Co-Processing of Waste Material received for Co-Processing during the previous month in the format set out in Annexure H attached to the Agreement.



3.0 SERVICE CHARGES AND PAYMENT TERMS

3.1 In consideration of ACL providing the co-processing services, AARTI INDUSTRIES LTD shall pay to ACL, Service Charges as Co processing charges for Mix solid waste category no. 33.1 will be Rs. 2000/- MT + Rs. 56490/- Per trip (25/30 MT vehicle)

, ACL shall raise an invoice on monthly basis with relevant supporting documents on AARTI INDUSTRIES LTD against services rendered to AARTI INDUSTRIES LTD for the quantity received for co-processing during the previous month.

3.3 The charges stated in clause 3.1 above shall be net of all applicable taxes and duties. **Applicable tax (GST) at the rate of 18 %** (or as per the latest Govt. norms) of the total processing charges service charge will be charged extra.

3.4 In the event, ACL's vehicle is sent back without loading the Waste material, even after the finalization of the delivery schedule for reasons solely attributable to AARTI INDUSTRIES LTD and not to ACL, then AARTI INDUSTRIES LTD shall be liable for and pay the transportation charges for that trip for the full capacity of vehicle.

3.5 All bills should be raised on a monthly basis and AIL shall pay the same within 30 days from the submission of such invoice. In case of delay in payment by AIL beyond 30 days, ACL can send a mail of default informing AIL of such default and should provide a grace period of 15 days to clear the dues. If the payment is not paid within the grace period, ACL can charge interest on due payment @ 12% p.a.

3.6 If there is any dispute about any invoice amount, AARTI INDUSTRIES LTD shall be entitled to dispute the invoice amount within 10 days after receipt of invoice. If AARTI INDUSTRIES LTD does not raise any dispute, it is presumed that the same is acceptable and AARTI INDUSTRIES LTD shall be liable to make the payment in respect of same within a period of 15 days from the date of issue of invoice by ACL.

3.7 All payment for services charges and additional transportation charges as referred in sub-clauses) above, shall be made either by electronic fund transfer or by Crossed Demand Draft drawn in favour of "**Ambuja Cements Limited**" payable at Mumbai.

14. TAXES AND DUTIES

The Parties agree that all taxes, levies, imposts, deductions, charges, duties or withholdings which are assessed, levied, imposed or collected by any Government Central or State or authority and any taxes or levies arising in connection with the Services (other than income tax payable by ACL) shall be included in the invoice raised by ACL towards the Services and other charges, if any and shall be payable by AARTI INDUSTRIES LTD in addition to the Service Charges and other charges, if any. AARTI INDUSTRIES LTD agrees to provide the relevant certificate in respect of the income tax deduction at source on the amounts to be paid towards co-processing charges to ACL.

Without prejudice to generality of the foregoing AARTI INDUSTRIES LTD shall be responsible for the payment of the stamp duty applicable to the Agreement. Notwithstanding the foregoing, the Parties agree that they shall use their best efforts to



obtain exemptions from the payment of any taxes from the concerned Government agency or authority as may be available under applicable laws.

5. STATUTORY COMPLIANCE

5.1 AARTI INDUSTRIES LTD shall be responsible for the following regulatory compliances under the applicable laws:

- (a) Obtain authorizations, consents, statutory registrations, clearances, license, no objection certificate, writings and confirmations from the concerned authorities and Government agencies, file returns, if required, relating to the loading and supply of the Waste Material to the Cement Plant of ACL.
- (b) Pay all applicable taxes, cesses, duties or other levies on transportation of Waste Material from AARTI INDUSTRIES LTD's manufacturing unit to ACL's designated Cement Plant.

5.2 ACL shall be responsible for the following regulatory compliances under applicable laws:

- 01. Obtain authorizations, consents, statutory registrations, clearances, license, no objection certificate, writings and confirmations, if required, from concerned authorities and Government Agencies for the provision of the Services to AARTI INDUSTRIES LTD. File returns with the concerned authorities or Government agencies, if required, relating to the provision of the Services.
- 02. Pay all applicable taxes, cesses, duties or other levies on transportation of Waste Material from AARTI INDUSTRIES LTD's manufacturing unit to ACL's designated Cement Plant.

Representations and Warranties of Parties:

Each Party covenants, represents and warrants to Other Party that:

- I. it has right and has taken all requisite approval required to enter into this Agreement and perform its obligations under this Agreement and there are no legal or contractual impediment of any nature for entering into this Agreement;
- II. it is a duly organised and validly existing under the laws of India with full power, authority and capability to do all acts contemplated herein and in the manner and on the terms and conditions stated, and such Party has obtained all necessary consents and approvals thereof in terms of this Agreement;
- III. it is not prohibited from entering into this Agreement; and that this Agreement has been entered into by them willingly and while keeping in mind not only their commercial interests but also their commitment towards carrying out social and sustainable initiatives;



- IV. there are no legal, quasi-legal, administrative, arbitration, mediation, conciliation or other proceedings, claims, actions, governmental investigations, orders, judgments or decrees of any nature made, existing, or pending, which may affect the due performance or enforceability of this Agreement; and
- V. this Agreement is a legal, valid and binding obligation of the Party, enforceable against the Party in accordance with its terms.
- VI. Each party has/will obtain and maintain valid, all the necessary statutory and regulatory approvals required to fulfill the obligations under this contract
- VII. Each party shall fully comply with the applicable laws of India.
- VIII. the person signing this Agreement, on its behalf, has been duly authorized by the AARTI INDUSTRIES LTD to execute this Agreement;

it represents that it shall not dispatch any item listed in the banned item list as set out in Annexure B to this Agreement.

Neither Party is subject to any litigation which will have a material adverse effect on this Agreement

Neither Party is subject to any inquiry, investigation for breach of anti-corruption or anti-bribery laws

6. CONFIDENTIALITY OF INFORMATION

- 6.1 All information divulged/shared/given by one Party to the other, pursuant to this Agreement in tangible form, which is specifically marked as confidential as well as all intangible information which is specifically conveyed in writing to be confidential within 7 days of revealing of such information, shall be deemed to be "Confidential Information" for the purpose of this Agreement.
- 6.2 The Parties agree that the Confidential Information which has been or will be disclosed by or on behalf of the other Party will be received by the recipient Party in confidence and will be used only for performance under and in accordance with this Agreement.
- 6.3 Each Party acknowledges and agrees that all Confidential Information constitutes valuable, special and unique assets of the business of disclosing Party. Accordingly, the Parties agree that, in the event of any breach of this clause, in addition to any other remedies at law or in equity, the Parties shall be entitled to equitable relief, including injunctive relief and specific performance.



6.4 The confidentiality obligations of the Parties shall not apply to the following exceptions:

- (a) Any information which ,either Party can demonstrate to the reasonable satisfaction of the disclosing Party, as already available in the public domain;
- (b) Any information which ,either Party can demonstrate to the reasonable satisfaction of the disclosing Party, that such information is already available with them from a third party without any corresponding confidentiality obligations;
- (c) Any information which, either Party can demonstrate to the reasonable satisfaction of the disclosing Party, that such information has been originally developed by them without using the Confidential Information.
- (d) Any disclosure which may reasonably be required for compliance with statutory obligations or for the purposes of legal proceedings.

6.5 Any publicity in connection with the Agreement by either Party shall be subject to the prior consent of the other Party.

6.6 Upon termination of this Agreement, each Party shall return to the other Party all confidential information (without retaining copies thereof) provided for the purposes of this Agreement.

7. TERM

The Agreement shall be valid for a term of three (3) years from the date of signing and execution; however the terms and conditions may be renegotiated by the parties at the end of every year.

8. TERMINATION OF AGREEMENT

8.1 Each Party may terminate this Agreement in the following events:-

- (a) In case of breach of the terms and conditions of the Agreement by either of the Parties, the other Party, may give written notice of Thirty (30) days to such defaulting Party, demanding it to remedy such breach. If the defaulting Party fails to remedy the breach within the notice period then the other Party shall have the right to terminate this Agreement with immediate effect.
- (b) If either Party goes into liquidation or is ordered to be wound up by any court of law, the other Party shall have the right to terminate this agreement with immediate effect.
- (c) Any Party hereto may terminate this Agreement in case of Business exigencies, which shall be confirmed in a written document, executed by parties by giving 30 days advance written notice to other Party.



Both Parties agree that the present Agreement shall automatically come to an end if the Authorization for Co-processing Waste Material given to ACL by relevant authorities is cancelled/refused or not granted /renewed by CPCB/SPCB. In such case ACL will inform AARTI INDUSTRIES LTD immediately and then this Agreement stands terminated forthwith.

Upon termination of the Agreement, each Party shall endeavour to deliver to the other Party all documents and materials belonging to the other Party that may be in each Party's possession or under each Party's control. Provided ACL shall have the right to withhold all documents and materials belonging to AARTI INDUSTRIES LTD in the custody of ACL, until such time all of ACL's dues and/or invoices towards the co-processing charges, additional services charges, transportation charges, costs, if any, and interest on overdue payment incurred up to the date of termination have been settled by AARTI INDUSTRIES LTD against the production of such invoices evidencing proof for such dues by ACL.

8.2 Even otherwise either Party shall be entitled to terminate this Agreement by giving 60 days prior written notice to the other party without specifying any reasons for the same.

9. EFFECT OF TERMINATION

9.1 The rights, duties and responsibilities of each party shall continue to be in full force and effect during the period of notice till the date of termination including the obligation of ACL to complete the unfinished portion of the Services and the obligation of AARTI INDUSTRIES LTD to settle/pay all dues and/or invoices for the Services completed by ACL till the date of termination and/or expenses incurred till the date of termination by ACL.

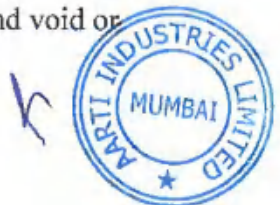
9.2 Neither party shall be liable to the other pursuant to such termination for compensation, reimbursement or damages on account of the loss of prospective business or profits or on account of expenditures, investments, lease or commitments or for any reason whatsoever arising out of such termination as set forth in clause 8 above, which is consequential in nature.

10. AMENDMENT

Any amendment and / or variation to the Agreement shall be mutually agreed upon by the Parties in writing and executed by or on behalf of each of the Parties hereto.

11. SEVERABILITY

If at any time during the term of the Agreement, all or any of the clauses of the Agreement is or becomes illegal, invalid or unenforceable in any respect or declared null and void or



illegal under the applicable laws, the same shall not affect or impair the legality, validity or enforceability of any other provisions of the Agreement.

12. FORCE MAJEURE.

Force Majeure means any unforeseen event or circumstance that is beyond the reasonable control of either Party, which event cannot by the exercise of reasonable diligence be prevented or caused to be prevented, and which adversely affects such Party's performance of its duties and obligations or enjoyment of its rights under this Agreement. Neither Party shall be considered in default in the performance of its obligation under the Agreement, if such performance is prevented or delayed on account of the war, civil commotion, strike, epidemics, pandemic, quarantine restrictions, accidents, fires, unprecedented floods, earthquake or because of promulgation of any law or regulations by the Government, unforeseen breakdowns, operational and maintenance stoppages at AARTI INDUSTRIES LTD's Manufacturing Plant or ACL's Cement Plant or on account of any other Acts of God. At the time of occurrence of a force majeure condition, the affected Party shall give notice in writing with documentary proof within Fifteen (15) days from the date of occurrence of the force majeure condition indicating the cause of force majeure condition and the period for which the force majeure condition was likely to subsist. The Parties shall resume the performance of their respective obligations after the force Majeure condition comes to an end and this agreement shall suitably be extended proportionate to the period of such Force Majeure condition. In the event the affected Party is prevented from fulfilling its obligation under the Agreement owing to the force majeure condition continuing for more than Thirty (30) days, both Parties shall consult each other regarding the continuation of the Agreement including early termination as set forth above. Parties shall not be entitled to any kind of damages in case of termination due to such a Force Majeure situation.

13. SUSPENSION

ACL may suspend the Services upon prior written notice to AARTI INDUSTRIES LTD, if AARTI INDUSTRIES LTD fails to

- (a) Make timely payment against invoices raised for co-processing charges beyond Sixty (60) days from the date of invoice,
- (b) Evacuate the rejected consignment of non conforming Waste Material from ACL's Cement Plant within the 48 hrs period as stated in clause 1.2.4 above
- (c) Deliver Waste Material as per the Delivery schedule set out in Annexure D.

Notwithstanding whatever is contained herein, in case if the Parties could not resolve the issue regarding non evacuation (as aforementioned in Clause 13), by mutual consultation within 2 days then ACL shall have the option to terminate this agreement forthwith, Such termination shall be without prejudice to any other rights under Law, available to ACL.



14. INDEMNITY

AARTI INDUSTRIES LTD shall indemnify, defend and hold harmless ACL and its directors, employees and agents from and against any and all claims, demands, fines, losses, damages, costs, penalties, expenses, actions, suits or proceedings, injuries, monetary liability on account of death of any person, costs of response to any governmental inquiry, liability for loss of or damage to property or for loss or damage arising from attachments, liens or claims of materials, men or labourers, and reasonable attorney and consulting fees and costs relating to any of the foregoing ("Claims"), arising from AARTI INDUSTRIES LTD's performance of the Agreement or resulting from AARTI INDUSTRIES LTD's acts or omissions or from AARTI INDUSTRIES LTD's tender of Waste Material or from AARTI INDUSTRIES LTD's breach of the Agreement or AARTI INDUSTRIES LTD's breach of statutory compliances. The foregoing indemnification shall not apply to the extent such Claims are the result of ACL's gross negligence or willful default.

ACL shall indemnify, defend and hold harmless AARTI INDUSTRIES LTD and its directors, employees and agents from and against any and all claims, demands, fines, losses, damages, costs, penalties, expenses, actions, suits or proceedings, injuries, monetary liability on account of death of any person, costs of response to any governmental inquiry, liability for loss of or damage to property or for loss or damage arising from attachments, liens or claims of materials, men or laborers, and reasonable attorney and consulting fees and costs relating to any of the foregoing ("Claims"), arising from ACL's performance of the Agreement or resulting from ACL's acts or omissions or from ACL's breach of the Agreement. The foregoing indemnification shall not apply to the extent such Claims are the result of AARTI INDUSTRIES LTD's gross negligence or willful default.

15. NON WAIVER

Any delay or omission on the part of each Party in exercising any rights provided under applicable laws or under the Agreement shall not impair such rights or operate as a waiver thereof. The partial exercise of any right provided under applicable laws or under the Agreement shall not preclude any other or further exercise thereof or the exercise of any other rights under the Agreement.

16. VALIDITY

If at any time during the term of the Agreement, all or any of clause(s) of the Agreement is or becomes illegal, invalid or unenforceable in any respect under the applicable laws, the same shall not affect or impair the legality, validity or enforceability of any other provisions of the Agreement.



17. ASSIGNMENT

Neither Party shall have the right to assign or transfer its rights and obligations under the Agreement to any third party or person without the prior written consent of the other Party.

18. SURVIVAL

Upon termination or expiry of the Agreement Clauses 3 (Service Charges and Payment Terms), Clauses 4 (Taxes and Duties), Clauses 5 (Statutory Compliance), 6 (Confidentiality of Information), 9 (Effects of Termination), 14 (Indemnity) and Jurisdiction will survive such termination or expiry and continue to bind the Parties.

19. NOTICE

Unless otherwise provided in the Agreement, any notice, report or other communications given or made under or in connection with the matters contemplated by or arising from the Agreement, shall be deemed to have been duly given or made if sent by personal delivery or registered post or speed post or by facsimile transmission or upon receipted delivery at the address of the relevant Party at the addresses mentioned above.

20. JURISDICTION

20.1 This Agreement shall be governed by and construed in accordance with the Laws of India. Since the intent of this Agreement is to dispose of the Hazardous Waste in an environmental sociable manner, therefore, both Parties shall reconcile the differences, if so arise, and shall make all best efforts to comply with the terms of this Agreement and perform their respective obligations in true spirit.

20.2 In case the Parties fail to resolve the dispute(s) amicably within a period of 30 (thirty) days in the manner contemplated in Clause 20.1 (above), in such case the Parties shall refer the dispute in the manner provided in Clause 20.3 and Clause 20.4 (hereunder).

20.3 Any dispute arising out of or in connection with this Agreement, including any question regarding its existence, validity or termination, if cannot be settled amicably within 30(thirty) days of raising of dispute, shall be referred to and finally resolved by arbitration in accordance with the Arbitration Rules of the Mumbai Centre for International Arbitration (MCIA) Delhi International Arbitration Centre, which rules are deemed to be incorporated by reference in this clause. The seat of arbitration shall be Mumbai, India. The Tribunal shall consist of a sole arbitrator. The language of arbitration proceedings shall be English. The award thereof made shall be final and binding on both the Parties and judgement upon the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.



20.4 Both Parties shall not be released from their obligations under this Agreement during the initiation/ pendency of any arbitration proceedings.

21. Anti Bribery& Corruption Directives (ABCD)

AARTI INDUSTRIES LTD is aware that ACL has instituted a whistleblower policy to promote the highest standards of professionalism, honesty, integrity and ethical behaviour within the organization. AARTI INDUSTRIES LTD declares that it has not paid or agreed to pay any favor either in cash or kind to any of the officials of ACL either directly or indirectly to secure this Agreement and further undertakes to promptly inform ACL if any such demand is made in future by any officials either directly or indirectly. AARTI INDUSTRIES LTD is also aware that if it is found indulged in any fraudulent, unfair or unethical practices, AARTI INDUSTRIES LTD shall be liable for such action as per the prevailing law including termination of this Agreement by concurrent notice. Please see **Annexure – K** in this regard.

22. Health & Safety Policy

The Health & Safety Policy of ACL relating to the health and safety measures to be observed by the AARTI INDUSTRIES LTD and its employees/workers/agents/representatives during the Term is attached herewith as Annexure J (H&S Policy). AARTI INDUSTRIES LTD shall regularly provide necessary training on safety to all its employees/workers/agents/representatives engaged for providing the Services. In case of breach of this H&S policy, ACL will be at liberty to enforce such penalty on the AARTI INDUSTRIES LTD at its sole discretion. This is without prejudice to all its other rights to take appropriate action against AARTI INDUSTRIES LTD including termination of this Agreement with immediate effect. AARTI INDUSTRIES LTD shall be responsible and liable for all the consequences and costs in this regard.

23. RELATIONSHIP OF PARTIES

Nothing contained in the Agreement shall be construed as the engagement of ACL as an agent or partner of AARTI INDUSTRIES LTD. The relationship between the Parties shall be principal to principal, it is clearly understood that it is a “contract for services” and not a “contract of services” and does not create and shall not be deemed to create any partnership, joint venture or a principal agent relationship between ACL and AARTI INDUSTRIES LTD. Further AARTI INDUSTRIES LTD shall not be entitled to by act, word, deed or otherwise make any statement on behalf of ACL or in any manner bind ACL or hold out or represent that ACL is representing or acting as agent or partner of AARTI INDUSTRIES LTD.



24. NON EXCLUSIVE ENGAGEMENT

AARTI INDUSTRIES LTD hereby grants ACL a non-exclusive right, on the terms and conditions contained herein, to provide the Services. Nothing herein contained shall prevent or prohibit AARTI INDUSTRIES LTD from engaging other Parties for the provision of the Services. It is clearly understood between the Parties hereto that ACL shall also on their part be at liberty to be engaged by other manufacturers who generate waste material in the process of manufacturing finished products for the provision of the Services.

25. HEADINGS

The paragraph headings contained in the Agreement are for the convenience of the Parties and shall not affect the meaning and interpretation of the Agreement.

26. ENTIRE AGREEMENT

The Agreement along with its annexure embodies the entire understanding between the Parties hereto and supersedes all previous correspondence, agreements and understanding, if any



IN WITNESS WHEREOF this Agreement is executed in two counterparts on the day and year first above written. Each Party hereto shall preserve one counterpart of the Agreement.

SIGNED AND DELIVERED for and on behalf of

AARTI INDUSTRIES LTD, by the hand of its authorized signatory,



Sudhakar Tolat - General Counsel

in the presence of:

1. _____
Signature of Witness 1,

(Name of Witness 1)

2. _____
Signature of Witness 2,

(Name of Witness 2)

SIGNED AND DELIVERED for and on behalf of

Ambuja Cements Limited, by the hand of its authorized signatory,





AMIT GOVAL

in the presence of:

1. Gaurav
Signature of Witness 1,

GAURAV KUSHWAHA
(Name of Witness 1)

2. Rakesh
Signature of Witness 2,

RAKESH SINHA
(Name of Witness 2)



ANNEXURE A

Results of analysis of samples sent by AARTI INDUSTRIES LTD to R&D of ACL Waste Material Specifications – Mix Solid waste (as received analysis)

Components
% Moisture (As received)	<35%
Net Calorific value (Kcal/Kg)	>2500
% Sulphur	<3%
% Cl	<3%

Note:

- Waste should be consistent in terms of quality and similar to the samples sent for testing to our R&D Lab.
- Waste should be properly packed and loaded as mentioned under clause 1.2.2 (Packaging and labeling hereof).
- Chloride should not be more than 3% in Liquid/Solid waste, Non conforming material will be rejected and in that case transportation charges will be borne by the waste generator.



ANNEXURE B

List of Banned Items

The Waste Material dispatched by AARTI INDUSTRIES LTD's Manufacturing Plant to ACL's Cement Plant shall not contain the following items that are in the banned item list of ACL for Co-processing.

- Radioactive waste
- Asbestos-containing waste
- Explosives and ammunition / weapons
- Anatomical medical waste
- Electronic fraction of electrical and electronic waste (e-waste)
- Whole batteries as a targeted material stream
- Waste of unknown or unpredictable composition, including unsorted municipal waste



ANNEXURE C

Format for labeling of the Hazardous and other Wastes / individual containers

FORM 8

[See rules 17 (1) and 18 (2)]

LABELLING OF CONTAINERS OF HAZARDOUS AND OTHER WASTE

Handle with care

Waste category and characteristics as per Part C of Schedules II and III of these rules	Incompatible wastes and substances
Total quantity	Date of storage
Physical State of the waste (Solid/Semi-solid/Liquid):	
Sender's name and address	Receiver's name and address
Phone.....	Phone.....
E-mail.....	E-mail.....
Tel. and Fax No.....	Tel. and Fax No.....
Contact person.....	Contact person.....
In case of emergency please Contact	

Note:

1. Background colour of label - fluorescent yellow.
2. The word, 'HAZARDOUS WASTES' and 'HANDLE WITH CARE' to be prominent and written in red, in Hindi, English and in vernacular language.
3. The word 'OTHER WASTES' to be written prominently in orange, in Hindi, English and in vernacular language.
4. Label should be of non-washable material and weather proof.



ANNEXURE D

Generation & Stock of Waste Material

AARTI INDUSTRIES LTD, during the term of the agreement, shall make available the following quantities of Waste Material to ACL on yearly basis.

Hazardous waste:

Hazardous mix solid waste, category 33.1 - maximum 60 MT

AARTI INDUSTRIES LTD, during the term of the agreement, shall deliver the Waste Material to ACL's Cement Plant on a monthly basis as per the mutually agreed delivery schedule. The delivery schedule of the month will be prepared by the party's through mutual consent and will be finalized before 20th of the earlier month.

In case of any change or modification required in the agreed monthly delivery schedule of a particular month by either party, the same shall be brought to the notice of the other party at least seven days in advance or as mutually agreed.



ANNEXURE E

Protocols for Receipt of Waste Material (Hazardous Waste)

The following procedures shall be followed when receiving Waste Material at the Cement Plant of ACL:

- Transporter will report to ACL's security gate for delivery of the Waste Material at storage area(s) of ACL's designated Cement Plants.
 - ACL's security officer shall inform the concerned officer of the designated Cement Plant.
 - ACL's Cement Plant officer will undertake following activities:-
- (a) Receive all relevant documents from AARTI INDUSTRIES LTD's Transporter including;
- (i) Delivery document.
 - (ii) Certificate from AARTI INDUSTRIES LTD specifying conformance to the waste specifications.
 - (iii) Invoice indicating NIL commercial value by AARTI INDUSTRIES LTD
 - (iv) Health & Safety Data Sheet of each of the material
 - (v) Manifest Form (7-copies) and other necessary documents as per the statutory requirements.
 - (vi) Any other document mutually agreed between the parties.
- (b) ACL shall arrange and record the weight of the Transport vehicle on the weighbridge installed at the plant before and after unloading of the Waste Material at the designated storage area.
- (c) ACL shall make necessary arrangements for unloading of the Waste Material at the designated storage area(s) and shall arrange to store the consignment of Waste Material the designated storage area, as per the date on which the consignment is delivered to the cement plant and shall also record the no. of bags, date of delivery, consignment no., truck no. etc. in the inventory sheet as set out in Annexure H attached to the Agreement.
- (d) ACL shall arrange to conduct inspection and sampling of the Waste Material as required and report to AARTI INDUSTRIES LTD whether the Waste Material is conforming to a specifications list in Annexure A and Annexure B within eight (8) days of receipt of Waste Material.
- (e) In case Waste Material is not properly sealed/ packed as set out in clause 1.2 (Packaging/Labeling), ACL shall inform the same to AARTI INDUSTRIES LTD and both the parties shall discuss and arrive at the solution for safe handling and disposal of waste material.
- (f) ACL shall keep the storage area locked with appropriate surveillance by the security.



- (g) To attend to any emergency situation, ACL shall maintain a copy of the risk assessment and crisis management plan with its security officer and also with its concerned officer.
- (h) ACL shall ensure the proper movement of the manifest form at each stage as set out in Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016.
- (i) ACL shall submit returns to the Authorities in the Form 4 as set out in Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016 and the format for the same is attached with this Agreement as Annexure J.



Health & Safety Data Sheet – Mix Solid waste

geoWASH		Confidential - Not for Distribution Outside		HSD-20, SAFETY & HEALTH	
<p>Instructions: Fill out this SDS for all chemicals and mixtures (including those used in the workplace) that are hazardous. This SDS is to be completed on this sheet, some data are derived from other sheets (e.g., MSDS, SDS, etc.) and are not to be included on this sheet. Fill in the appropriate boxes.</p> <p>Section 1: Identification (This info is based on hazard knowledge and not necessarily on regulatory specifications)</p>					
<p>Chemical Name: <input type="text"/> Product Name: <input type="text"/> Line to MSDS: <input type="text"/></p>					
<p>Section 2: Hazard Identification (This info is based on hazard knowledge and not necessarily on regulatory specifications)</p>					
<p>Flammable: <input type="checkbox"/> Corrosive: <input type="checkbox"/> Hazardous: <input type="checkbox"/> Acute Toxicity: <input type="checkbox"/> Serious Health Hazard: <input type="checkbox"/> Complex: <input type="checkbox"/> Environmentally Damaging: <input type="checkbox"/> Chemical Waste: <input type="checkbox"/></p> <p>Not Combustible: <input type="checkbox"/> Combustible: <input type="checkbox"/> Liquid to Gas Conversion: <input type="checkbox"/> Control with Water and Flammable Gases: <input type="checkbox"/> Control with Water and Flammable Gases: <input type="checkbox"/> Dust or Vapor Hazard: <input type="checkbox"/> Explosive Materials: <input type="checkbox"/> Infectious Substances: <input type="checkbox"/> Radioactive: <input type="checkbox"/></p>					
<p>Section 3: Physical and Chemical Properties</p>					
<p>Physical Properties: <input type="checkbox"/> Chemical Properties: <input type="checkbox"/> Stability: <input type="checkbox"/> Reactivity: <input type="checkbox"/> Other: <input type="checkbox"/></p>					
<p>Section 4: Environmental Fate and Effects</p>					
<p>Environmental Fate: <input type="checkbox"/> Environmental Effects: <input type="checkbox"/> Other: <input type="checkbox"/></p>					
<p>Section 5: Exposure Controls and Personal Protection</p>					
<p>Exposure Controls: <input type="checkbox"/> Personal Protection: <input type="checkbox"/> Other: <input type="checkbox"/></p>					
<p>Section 6: Spill Response</p>					
<p>Spill Response: <input type="checkbox"/> Other: <input type="checkbox"/></p>					
<p>Section 7: Transport and Storage</p>					
<p>Transport and Storage: <input type="checkbox"/> Other: <input type="checkbox"/></p>					
<p>Section 8: Disposal</p>					
<p>Disposal: <input type="checkbox"/> Other: <input type="checkbox"/></p>					
<p>Section 9: Other Information</p>					
<p>Other Information: <input type="checkbox"/> Other: <input type="checkbox"/></p>					
<p>Section 10: Declaration</p>					
<p>Declaration: <input type="checkbox"/> Other: <input type="checkbox"/></p>					
<p>Section 11: Signature and Date</p>					
<p>Signature: <input type="text"/> Date: <input type="text"/></p>					



ANNEXURE G
Format for maintaining records of Waste Material

FORM 3
[See rules 6(5), 13(7), 14(6), 16(5) and 20 (1)]

FORMAT FOR MAINTAINING RECORDS OF HAZARDOUS AND OTHER WASTES

1. Name and address of the facility :
2. Date of issuance of authorisation and its reference number :
3. Description of hazardous and other wastes handled (Generated or Received)

Date	Type of waste with category as per Schedules I, II and III of these rules	Total quantity (Metric Tonnes)	Method of Storage	Destined to or received from

** Fill up above table separately for indigenous and imported waste.*

4. Date wise description of management of hazardous and other wastes including products sent and to whom in case of recyclers or pre-processor or utiliser:
5. Date of environmental monitoring (as per authorisation or guidelines of Central Pollution Control Board):

Signature of occupier

Date.....

Place.....



ANNEXURE H

CERTIFICATE OF CO-PROCESSING

geoclean

Certificate of Co-Processing

Issued To: AARTI INDUSTRIES LTD.

Invoice No:.....

Date: 31/05/2023

This is to certify that we have taken receipt of the following quantities of **Mix Solid Waste** sent by M/s **AARTI INDUSTRIES LTD** for Pre and / Or Co-processing in Ambuja Cements Limited's Cement Kiln during the period XX/XX/2023 to XX/XX/2023. The same would be safely and completely disposed off within 90 days of receipt and thereafter will not exist.

Waste Name: Mix Solid Waste

Quantity (Tons):

SAMPLE

Authorized Signatory

Ambuja Nagar Cement works



ANNEXURE I - Format of Form 4

FORM 4

[See rules 6(3), 13(8), 16(6) and 20 (2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1. Name and address of facility:
2. Authorisation No. and Date of issue:
3. Name of the authorised person and full address with telephone, fax number and e-mail:
4. Production during the year (product wise), wherever applicable

Part A. To be filled by hazardous waste generators

1. Total quantity of waste generated category wise
2. Quantity dispatched
 - (i) to disposal facility
 - (ii) to recycler or co-processors or pre-processor
 - (iii) others
3. Quantity utilised in-house, if any -
4. Quantity in storage at the end of the year -

Part B. To be filled by Treatment, storage and disposal facility operators

1. Total quantity received -
2. Quantity in stock at the beginning of the year -
3. Quantity treated -
4. Quantity disposed in landfills as such and after treatment -
5. Quantity incinerated (if applicable) -
6. Quantity processed other than specified above -
7. Quantity in storage at the end of the year -

Part C. To be filled by recyclers or co-processors or other users

1. Quantity of waste received during the year -
 - (i) domestic sources
 - (ii) imported (if applicable)
2. Quantity in stock at the beginning of the year -



ANNEXURE – J
Health and Safety Policy & Rules

Ambuja Cements Limited
Occupational Health and Safety Policy

*The Ambuja Cements Limited's OHS policy is in alignment
with Adani Group's OHS policy



We at Ambuja Cements Limited (Ambuja), firmly believe that Occupational Health & Safety (OHS) is an integral part of our activities, policies, processes, and business operations and are committed to provide safe and healthy workplace across our operating locations, to our employees, relevant stakeholders, and nearby communities to achieve our OHS vision "To be Globally admired OHS Leader in the Infrastructure space".

Ambuja recognizes that OHS and the overall wellbeing of its people is vital to its success and growth aspirations. It is our conviction to promote 'Culture of Care' so that every activity is performed in a safe manner which facilitates continual growth and sustainability of our businesses. This is envisioned in our business theme "Growth with Goodness".

To meet our commitment, we shall endeavour to:

- Integrate Occupational Health & Safety aspects in every business decision we make and in every activity we perform. Leaders at all levels, demonstrate their personal commitment to OHS to promote Principle of Prevention of unsafe situations by integrating requirements from design & engineering stage to operation and maintenance.
- Work with fundamental belief that all injuries and Occupational illness can and must be prevented. Working safely is a condition of employment to meet our goal of 'Zero Harm'.
- Comply and exceed applicable legal and regulatory OHS requirements and set highest standards for positive safety compliance, wherever we operate.
- Develop skills, knowledge, competence and build capability by engaging employees, business partners and service providers through appropriate education and training to help them work safely. Influence our business partners in enhancing their OHS standards.
- Ensure safe place to work by identifying, assessing and reducing risks & vulnerabilities to as low as reasonably practicable by applying hierarchy of controls for process, machinery, infrastructure and human behaviour and prevent any potential emergency situations.
- Conduct regular audits and facilitate assurance of OHS programs and take timely action on findings to integrate learnings ensuring continued compliance to safety management system requirements.
- Proactively report all incidents, investigate root causes and ensure lessons learnt are shared and deployed across the company.
- Set OHS objectives and targets, metrics as indicators of excellence, monitor progress and continually improve performance. Provide adequate resources to ensure continual improvement of OHS management and performance.

We shall communicate this policy to all our employees, business partners and customers to emphasize their responsibilities and accountabilities for safe performance and thereby establish a renewed commitment towards consultative and participative processes.

Any violation or breach of this policy shall be dealt with procedures framed by the company from time to time. The policy shall be reviewed periodically for its suitability & relevance to our operations and updated as deemed necessary.





महाराष्ट्र MAHARASHTRA

2023

CK 437186



Memorandum of Understanding

This Memorandum of Understanding (hereinafter referred to as "MoU") is made and entered into on this 17th April, 2024 (hereinafter referred to as the "Effective Date")

BY AND BETWEEN

AARTI INDUSTRIES LIMITED, a company incorporated under the laws of India, having its office at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch, Gujarat and also having its corporate office at 4th Floor, Tower C, Embassy 247, LBS Road, Gandhi Nagar, Vikhroli (West), Mumbai - 400 083, Maharashtra, India (hereinafter referred to as the "Generator" (which expression shall, unless repugnant to the subject, context or meaning thereof, be deemed to mean and include its successors and assigns) of the One Part;

Mantra Bricks & Cement Artical



जोडपत्र - २

20 MAR 2024

मुद्रांक विक्री नोंदवही अनुक्रमांक 758019

जिल्हा

दस्तावेज प्रकार

दस्त नोंदणी करणार आहेत का ? :- होय/नाही

मिळकतीचे थोडक्यात वर्णन

मुद्रांक विकत घेणाऱ्याचे नांव

हस्ते असल्यास त्याचे नांव

सही

दुसऱ्या पक्षकाराचे नांव

मुद्रांक शुल्क रक्कम

परवानाधारक मुद्रांक विक्रेत्याची सही

(श्री. शंकर साहेबराव यादव)

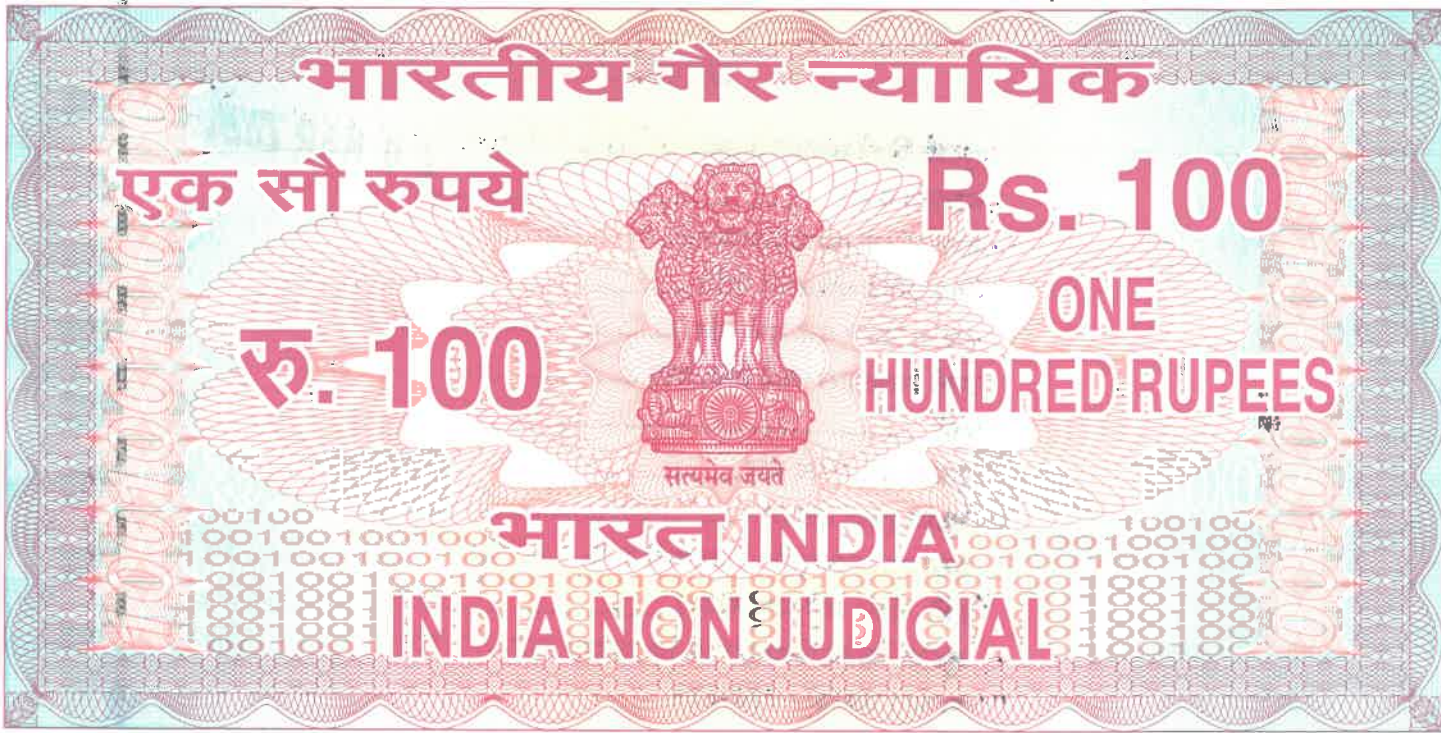
मुद्रांक विक्रीचे ठिकाण/पत्ता-जिल्हा सत्र न्यायालय, अणे.

परवाना क्रमांक - 9209039

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी मुद्रांक खरेदी केल्यापासून ६ महिन्यात वापरणे बंधनकारक आहे.

Shree Bicks & Cement Works

Shree Bicks



महाराष्ट्र MAHARASHTRA

2023

96AA 742710



AND

M/s Mantra Bricks & Cement Articles a Partnership Firm incorporated under the provisions of the Indian Partnership Act, 1932 with its registered office at PO- Mandwa, Taluka- Ankleshwar, Dist-Bharuch, Gujarat- 393010 India hereinafter referred to as "Utilizer", (which expression shall, unless it be repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) of the Other Part;

Generator and Utilizer are hereinafter individually referred to as "Party" and collectively as "Parties"

Mantra Bricks & Cement Articles

Partner



जोडपत्र - २

मुद्रांक विक्री नोंदवही अनुक्रमांक 758142

20 MAR 2024

दस्तावा प्रकार

दस्त नोंदणी करणार आहेत का ? :- होय/नाही

भिककरीचे थोडक्यात वर्णन

मुद्रांक सिकत घेणाऱ्याचे नांव

हस्त अस्तव्यास त्याचे नांव, पत्ता

सही

दुसऱ्या पक्षाकराचे नांव

मुद्रांक शुल्क रक्कम

परवानाधारक मुद्रांक विक्रेत्याची सही-

(श्री. शंकर साहेबराव चांदव)

मुद्रांक विक्रीचे ठिकाण/पत्ता-जिल्हा सत्र न्यायालय, दणे.

परवाना क्रमांक - 9209089

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच
कारणासाठी मुद्रांक खरेदी केल्यापासून ६ महिन्यात यावर
बंधनकारक आहे.

Mantre Shree & Cement Artisan

पं. १०८९

IT IS HEREBY MUTUALLY AGREED BETWEEN THE PARTIES AS UNDER

RECITALS	<p>A. Generator is engaged in the business <i>inter alia</i> of manufacturing, distribution and sales of specialty chemicals and related downstream products;</p> <p>B. Utilizer is engaged in the business of <i>inter alia</i> manufacturing of paver blocks;</p> <p>C. Generator generates the Product as a waste material during their manufacturing process and has approached the Utilizer for the safe disposal of the same as per applicable rules and laws at the Utilizer's facility.</p>
PROPOSED TRANSACTION	The Utilizer has been evaluated and selected for receiving the Product generated from the manufacturing site of the Utilizer located at Plot No. Z/103/H, Dahej SEZ-II, Tal, Vagra, Dist: Bharuch, Gujarat "Manufacturing Site" and will execute safe disposal of the same as per applicable rules and laws.
PRODUCT	"Product" shall mean Fly ash that is being transferred to the Utilizer's facility for safe disposal as per the Fly Ash Notification 1999 and its subsequent amendments thereof.
QUANTITY	9000 MT/Year as per the CC&A/Rule 9.
CC&A Validity	The CC&A is valid till 19.05.2028.
DELIVERY TERMS	<ol style="list-style-type: none"> Parties agree that pickup of the Product from the Generator's facility to the Utilizer's Facility for transportation will be the responsibility of the Utilizer. Utilizer shall provide suitable dumpers/trucks or any other transit vehicles (Vehicles) as per the specifications, if any, prescribed by any government authority to Generator for transporting the Product to the Utilizer's unit at the cost of Generator in compliance with all applicable laws of India. Utilizer shall use AIS-140 compliant Global Positioning System (GPS) enabled dumpers or trucks and shall ensure API development of GPS of all the vehicles with Aarti Logistics Control Room (ALCR) before engaging in the services. Utilizer shall comply with Motor Vehicle Act and Rules framed thereunder for carrying hazardous chemicals/waste.
Generator ROLES & RESPONSIBILITIES	<p>Key Roles & Responsibilities of Generator are:</p> <p>Generator shall keep record of inventory of Product generation, disposal & stock (as applicable) and shall make inventory available for inspection as per the Fly Ash Notification 1999 and its subsequent amendments thereof.</p>
Utilizer ROLES & RESPONSIBILITIES	<p>Key Roles & Responsibilities Utilizer of are:</p> <ol style="list-style-type: none"> The Utilizer shall ensure that the vehicle shall be dedicated for transportation of Product and shall not be used for any other purposes. Utilizer should maintain necessary labels/markings of vehicle carrying the Product at all times as required by Motor Vehicle Act, 1988 and Motor Vehicle Rules, 1989 framed thereunder for carrying such waste. The Utilizer shall ensure that the vehicle shall be dedicated for transportation of Product and shall not be used for any other purposes. The Utilizer shall ensure the cleaning of vehicles carrying Product shall be carried out at a designated place in Utilizer's facility. The Utilizer shall keep record of inventory of Product generation, disposal & stock (as applicable) and shall make inventory available for inspection as per the Fly Ash Notification 1999 and its subsequent amendments thereof.

Mantra Bricks & Cement Articals

[Signature]
Partner



Wanda Bicks & Cement Artisan
Partner

	<p>6. The Utilizer shall be responsible in case of any illegal disposal of Product during the transportation and shall safely transport the Product from the premises of the Generator till the premises of the Utilizer.</p> <p>7. The Utilizer shall follow and comply with requirements of guidelines/checklists formulated by the Generator.</p>
UTILIZER REPRESENTATION	Utilizer has represented and assured Generator that it has all the statutory approvals and permits for operating such a Product processing unit in an environmentally compliant manner and possess the necessary skills, manpower, knowledge and ability to do so.
FORCE MAJEURE	<p>i. This MoU and its performance shall be subject to Force Majeure. For the purpose of this clause Force Majeure shall mean and include any act of God, flood, explosion, earthquake, cyclone, storm, tidal wave, drought, landslide or similar disturbance, sabotage, fire, accident, insurrection, terrorist attack, fire, explosion, hurricane, tempest, embargo, landslide, perils at the sea, transporters strike, riot, plant breakdown, blockage, machinery breakdown confiscation, embargo, pandemic, epidemic, a law in change in law or order of any judicial/statutory/administrative/local authority or body, change in any act, order, proclamation, decree, war, strike, lock-out including at plant or mines, quarantine, in or other acts of God or any other event beyond the reasonable control, civil commotion regulation, ordinance, instruction, directives of government, and any other events beyond reasonable control of the Parties. ("Force Majeure").</p> <p>ii. Either Party affected by Force Majeure shall be temporarily relieved from their obligations during the period of time such Force Majeure events continue and to the extent their liabilities are affected shall stand suspended and shall notify other Party of the same. Parties agree that Force Majeure shall not in any manner absolve each of them from their subsisting and continuing obligations under the MoU which are not affected by Force Majeure.</p> <p>iii. If an event of Force Majeure continues for more than 30 (thirty) calendar days, then Parties shall amicably discuss a way forward, including extending the Term.</p>
TERM	This MoU shall come into effect on the Effective Date and shall, unless mutually extended in writing by the Parties, stand terminated once the pilot stage ends on or before the completion of one (1) year from the Effective Date. ("Term").
TERMINATION	<p>Generator may terminate this agreement upon thirty (30) days prior notice to the Utilizer.</p> <p>Either party reserves the right to suspend or terminate this MOU in the event of the other Party committing any breach/violation of the condition of the present MOU or any provision of applicable law or regulation for the time being in force and such party fails/neglects to remedy the breach within 30 days of such notice.</p> <p>Additionally, the Generator may terminate this MOU with immediate effect if the Utilizer is adjudged as insolvent or is subject to bankruptcy or insolvency or has receiver appointed upon its assets, or subject to any judicial enquiry or investigation for breach of applicable laws on anti-corruption, anti-bribery or money laundering or otherwise, or subject to any litigation, the outcome of which is likely to have a material adverse effect on this.</p>

Santra Bricks & Cement Articals








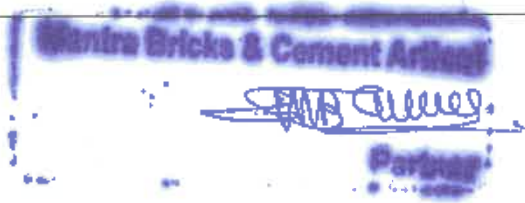
[Signature]
Partner

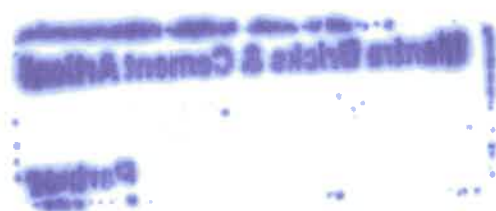


BRITISH
INDIAN
OCEAN
NAVY
OFFICE
CHIEF
OF
NAVY
OFFICE
ADMIRALTY
BUILDING
WHITEHALL
LONDON
S.W. 1

INDEMNITY BY UTILIZER	The Utilizer shall defend, Indemnify and save harmless directors, employees and agents of Generator against any and all direct claims, demands, fines, losses, damages, costs, penalties, expenses, actions, suits or proceedings, injuries, monetary liability on account of any act or omission, breach or nonconformance by the Utilizer with respect to the provisions contained in this MOU or any statutory non-compliance.
GOVERNING LAW AND JURISDICTION	This MoU shall be governed by, and construed in accordance with the laws, rules and regulations of India as amended or modified from time to time. (Applicable Laws) . The High Court at Ahmedabad, India shall have sole and exclusive jurisdiction to try and entertain any disputes which may arise between the Parties.
DISPUTE RESOLUTION	Any dispute or differences under or in relation to this MoU or its interpretation thereof shall be amicably resolved by the Parties within a period of 30 days from the date of reference of the dispute by one Party to another. In the event the Parties fail to amicably resolve the dispute within the aforesaid period, such dispute/difference shall be referred to and resolved by binding arbitration of a sole arbitrator appointed in accordance with the Rules of the Mumbai Centre of International Arbitration ("MCIA Rules"), which MCIA Rules are deemed to be incorporated by reference into this Clause. The seat or legal place /venue of arbitration shall be at Ahmedabad. The language to be used in the arbitral proceedings shall be English. The Parties agree to this mode of dispute resolution to be replicated in detail in the definitive Term Sheets.

IN WITNESS WHEREOF, the Parties have executed this MoU through their authorized representatives on the date and year first hereinabove mentioned.

<p>SIGNED AND DELIVERED by the within named AARTI INDUSTRIES LIMITED through its Authorized Signatory</p> <p>Ms. Sandhya Tolat in the presence of:</p> <ol style="list-style-type: none">   	  <p>Ms. Sandhya Tolat</p> <p>For AARTI INDUSTRIES LIMITED</p> <p>(General Counsel & Authorized Signatory)</p>
<p>SIGNED AND DELIVERED by the within named Mantra Bricks & Cement Articles through its Authorized Signatory</p> <p>Mr. Mukesh Bhai Bhagvanji Bhai Tilva in the presence of:</p> <ol style="list-style-type: none">   	  <p>Mr. Mukesh Bhai Bhagvanji Bhai Tilva</p> <p>For Mantra Bricks & Cement Articles</p> <p>(Authorized Signatory)</p>





BEIL INFRASTRUCTURE LIMITED
(formerly known as Bharuch Enviro Infrastructure Limited)

15th MAY, 2020

To,
AARTI INDUSTRIES LTD. – DAHEJ
PLOT NO.Z/103/H,
DAHEJ SEZ - II,
TAL: VAGRA,
DAHEJ.

Sub : Membership Certificate for Common Incineration Facility

Dear Sir,

You are a member of our Common Incinerator Facility and your membership No. is **CI/BD/94**. We hereby certify that your booked quantity has increased from **40 MT / Year** to **140 MT / Year**.

Thanking you,

Yours faithfully,
For, BEIL Infrastructure Limited
(Formerly Known as Bharuch Enviro Infrastructure Ltd)


AUTHORISED SIGNATORY



GEO CLEANER LLP

Promoting a Healthy Environment

Site Address:
Survey No-94, P.O : Pratapnagar,
Savli-Jarod Road, Vadodara,
Gujarat, India-391121

Reg. Office:
Tower H-402, Aaruni Residency,
Village- Bill, Taluka- Vadodara,
Vadodara, Gujarat, India- 391410

CIN No: AAQ-9488
GST IN: 24AAUFG6632J1Z2

W : www.geodeanerllp.com
E : customer@geodeanerllp.com

Ref No: GCL/MC/0823/0109

Date: 18.08.2023

To,

M/s. Aarti Industries Limited

Plot No: Z/103/H,

Dahej SEZ-II, Ta: Vagra, Dist.: Bharuch.

Subject: Membership Certification for Pre-processing Facility.

Dear Sir,

We hereby certify that you have become member of the Pre-processing facility of Geo Cleaner LLP, suited at Survey No-94, P.O: Pratapnagar, Savli-Jarod Road, Savli, Vadodara.

This certificate is valid up to 27.07.2025.

Thanking You

For, Geo Cleaner LLP


Authorized Signatory





Ref. BEIL/ANK/2024

08TH MARCH, 2024

To,
AARTI INDUSTRIES LTD. - DAHEJ (NEO DIV - 41201)
PLOT No. Z/103/H,
DAHEJ SEZ - II,
TAL: VAGRA, DAHEJ.

Sub: Provisional Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for **5 years up to 07/03/2029** for the common Solid/Hazardous waste disposal facility of BEIL Infrastructure Limited. (Formerly Known as Bharuch Enviro Infrastructure Limited.), at GIDC, Dahej. You have booked solid waste quantity of **2595 MT/Years.** Your Membership No. is **OTH/653.**

Waste will be accepted after submitting valid authorization of GPCB.


- 1) Total TSDF Capacity of BEIL Dahej: 1900000 MT**
- 2) Total Consented Capacity: 1900000 MT**
- 3) Total Occupied Capacity: 1288547.609 MT**
- 4) Spare Capacity: 0611452.391 MT**

Thanking you,

Yours faithfully,

For BEIL Infrastructure Limited.

(Formerly Known as Bharuch Enviro Infrastructure Limited.)


Mr. Manoj Patel
(Vice President - Operations)



Ref. BEIL/ANK/2024

08TH MARCH, 2024

To,
AARTI INDUSTRIES LTD. - DAHEJ (NEO DIV - 41201)
PLOT No. Z/103/H,
DAHEJ SEZ - II,
TAL: VAGRA, DAHEJ.

Sub: Provisional Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for **5 years up to 07/03/2029** for the common Solid/Hazardous waste disposal facility of BEIL Infrastructure Limited. (Formerly Known as Bharuch Enviro Infrastructure Limited.), at GIDC, Dahej. You have booked solid waste quantity of **2595 MT/Years.** Your Membership No. is **OTH/653.**

Waste will be accepted after submitting valid authorization of GPCB.


- 1) Total TSDF Capacity of BEIL Dahej: 1900000 MT**
- 2) Total Consented Capacity: 1900000 MT**
- 3) Total Occupied Capacity: 1288547.609 MT**
- 4) Spare Capacity: 0611452.391 MT**

Thanking you,

Yours faithfully,

For BEIL Infrastructure Limited.

(Formerly Known as Bharuch Enviro Infrastructure Limited.)


Mr. Manoj Patel
(Vice President - Operations)

Certificate

Certificate No: CPAW1A0046

To Whomsoever it may concern
This is to certify that
AARTI INDUSTRIES LTD (DAHEJ UNIT)

PLOT NO-Z/103/H,
DAHEJ SEZ-II,
TA-VAGRA,
DAHEJ

is a valid member of
Recycling Solutions Private Limited
for Alternate Fuel Resource Facility.
This membership is valid for a period of
10 Years

Date of issue : 18/01/2017
Date of expiration : 17/01/2027
Place of issue : Panoli

For, Recycling Solutions Private Limited

Director/Authorised signatory

Waste Information :					
SrNo	Type Of Waste	Sign Qty (TPA)	SrNo	Type Of Waste	Sign Qty (TPA)
1	PROCESS WASTE	600.000			
Total Sign Qty (TPA) :					600.000

SUBJECT TO BHARUCH JURISDICTION

Site Address
Plot No.223, GIDC Estate Panoli, Panoli-394 116
Dist. Bharuch, Gujarat. Phone: +91 2646 272029
CIN - U37100MH2012PTC237696

Regd. office :
370, S V P Road, Shop 8, Ciganharala Bldg., Opp. CBI,
Pradhana Samaj, Nr. Hardikshandas Hospital,
Mumbai - 400004.

E-mail
mail@rs-pl.com

Website
www.rs-pl.com

3.0 NOISE LEVEL MONITORING REPORT



Period: October - 2024

FOR

**M/s. Aarti Industries Limited. (Unit – 1)
(Neo SEZ Unit)**

At

**Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.	UERL/24/10/AIL-1/N-001	Date of Report:	05/11/2024
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD (Unit-1). Plot No. Z/103/H, Dahej SEZ Part-II, Dahej-392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Location of Sampling / Monitoring	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2024	01/02/2025

Date of Monitoring: 22/10/2024

Result: -

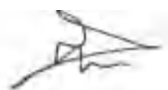
DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near Main Gate	63.4	51.3	75 dB (A)	70 dB (A)
2.	Near Material Gate	62.1	52.4	75 dB (A)	70 dB (A)
3.	Near Boiler	71.6	62.7	75 dB (A)	70 dB (A)
4.	Near ETP	70.3	57.3	75 dB (A)	70 dB (A)
5.	Near MEA Plant	69.4	60.8	75 dB (A)	70 dB (A)
6.	Near MEA-2 Project Area.	63.2	53.3	75 dB (A)	70 dB (A)

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

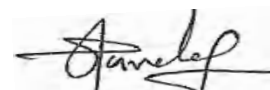
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

3.0 NOISE LEVEL MONITORING REPORT



Period: November - 2024

FOR

**M/s. Aarti Industries Limited. (Unit – 1)
(Neo SEZ Unit)**

At

**Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India**

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.	UERL/24/11/AIL-1/N-001	Date of Report:	05/12/2024
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD (Unit-1). Plot No. Z/103/H, Dahej SEZ Part-II, Dahej-392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Location of Sampling / Monitoring	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2024	01/02/2025

Date of Monitoring: 28/11/2024

Result: -

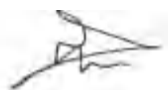
DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near Main Gate	62.4	52.3	75 dB (A)	70 dB (A)
2.	Near Material Gate	61.8	53.7	75 dB (A)	70 dB (A)
3.	Near Boiler	70.6	63.5	75 dB (A)	70 dB (A)
4.	Near ETP	71.2	66.8	75 dB (A)	70 dB (A)
5.	Near MEA Plant	68.6	61.2	75 dB (A)	70 dB (A)
6.	Near MEA-2 Project Area.	62.5	54.6	75 dB (A)	70 dB (A)

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

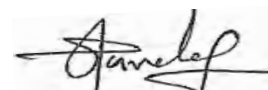
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

3.0 NOISE LEVEL MONITORING REPORT



Period: December - 2024

FOR

M/s. Aarti Industries Limited. (Unit – 1)
(Neo SEZ Unit)

At

Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India

Monitoring Organization



White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195, Gujarat, India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.	UERL/24/12/AIL-1/N-001	Date of Report:	02/01/2025
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD (Unit-1). Plot No. Z/103/H, Dahej SEZ Part-II, Dahej-392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Location of Sampling / Monitoring	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2024	01/02/2025

Date of Monitoring: 19/12/2024

Result: -


DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near Main Gate	61.5	56.2	75 dB (A)	70 dB (A)
2.	Near Material Gate	62.3	55.8	75 dB (A)	70 dB (A)
3.	Near Boiler	68.5	62.8	75 dB (A)	70 dB (A)
4.	Near ETP	66.5	60.2	75 dB (A)	70 dB (A)
5.	Near MEA Plant	67.3	62.5	75 dB (A)	70 dB (A)
6.	Near MEA-2 Project Area.	66.4	57.2	75 dB (A)	70 dB (A)

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

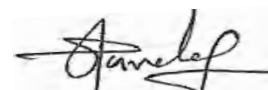
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

3.0 NOISE LEVEL MONITORING REPORT



Period: January - 2025

FOR

**M/s. Aarti Industries Limited. (Unit – 1)
(Neo SEZ Unit)**

At

**Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India**

Monitoring Organization



Plot No.51, Vibrant Business Park,
NH No. 48, GIDC, Vapi – 396 195,
Dist-Valsad (Gujarat), India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

MoEF&CC Environmental Laboratory under
EPA, 1986 as 04.11.2024 to 18.10.2027

QCI-NABET Accredited EA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-II)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.	UERL/25/01/AIL-1/N-001	Date of Report:	03/02/2025
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD (Unit-1). Plot No. Z/103/H, Dahej SEZ Part-II, Dahej-392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Location of Sampling / Monitoring	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2024	01/02/2025

Date of Monitoring: 20/01/2025

Result: -

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near Main Gate	62.5	57.5	75 dB (A)	70 dB (A)
2.	Near Material Gate	61.4	56.2	75 dB (A)	70 dB (A)
3.	Near Boiler	70.5	65.8	75 dB (A)	70 dB (A)
4.	Near ETP	68.2	63.5	75 dB (A)	70 dB (A)
5.	Near MEA Plant	66.4	61.8	75 dB (A)	70 dB (A)
6.	Near MEA-2 Project Area.	65.1	60.3	75 dB (A)	70 dB (A)

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

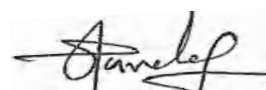
***** End of Report *****

Checked By:



Nikunj D. Patel
(Chemist)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

3.0 NOISE LEVEL MONITORING REPORT



Period: February - 2025

FOR

M/s. Aarti Industries Limited.
(Neo SEZ Unit)

At

Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India

Monitoring Organization



Plot No.51, Vibrant Business Park,
NH No.48, GIDC, Vapi-396195
Dist-Valsad (Gujarat), India
Phone + 91 260 2433966/2425610
Email : response@uerl.in Website : www.uerl.in

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor [Schedule-11]

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.	UERL/25/02/AIL-1/N-001	Date of Report:	03/03/2025
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD (Unit-1). Plot No. Z/103/H, Dahej SEZ Part-II, Dahej-392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Location of Sampling / Monitoring	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	01/02/2025	31/01/2026

Date of Monitoring: 14/02/2025

Result: -

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near Main Gate	63.1	58.2	75 dB (A)	70 dB (A)
2.	Near Material Gate	62.5	57.2	75 dB (A)	70 dB (A)
3.	Near Boiler	69.4	64.2	75 dB (A)	70 dB (A)
4.	Near ETP	67.1	62.3	75 dB (A)	70 dB (A)
5.	Near MEA Plant	65.3	60.5	75 dB (A)	70 dB (A)
6.	Near MEA-2 Project Area.	64.2	59.2	75 dB (A)	70 dB (A)

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

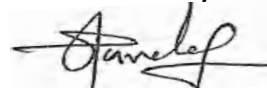
***** End of Report *****

Checked By:



Ankur R. Patel
(Supervisor)

Authorized By:



Jaivik S. Tandel
(Manager - Operations)

3.0 NOISE LEVEL MONITORING REPORT



Period: March - 2025

FOR

M/s. Aarti Industries Limited.
(Neo SEZ Unit)

At

Plot No. Z/103/H, Dahej SEZ Part-II,
Tal. Vagara, Dist. Bharuch,
Dahej-392 130, Gujarat, India

Monitoring Organization



Plot No.51, Vibrant Business Park,
NH No.48, GIDC, Vapi-396195
Dist-Valsad (Gujarat), India
Phone + 91 260 2433966/2425610
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ISO 45001 : 2018
Certified Company

TEST REPORT
AMBIENT NOISE LEVEL MONITORING REPORT

Test Report No.	UERL/25/02/AIL-1/N-001	Date of Report:	03/04/2025
Name & Address of Industries	M/s. AARTI INDUSTRIES LTD (Unit-1). Plot No. Z/103/H, Dahej SEZ Part-II, Dahej-392130, Tal. Vagara, Dist. Bharuch, Gujarat.		
Location of Sampling / Monitoring	Ambient Noise		
Sampling Method	IS: 9989 : 1981		

➤ **Details of Instrument Used for Monitoring.**

Instrument Id No.	Instrument Name	Model Number	Calibration Date	Next Calibration Date
UERL/AIR/SLM/Q630838	Sound Level Meter	SL 4023 SD	02/02/2025	31/01/2026

Date of Monitoring: 21/03/2025

Result: -

DISCIPLINE – CHEMICAL TESTING		NAME OF GROUP – ATMOSPHERIC POLLUTION			
Sr. No.	Location	Noise Level dB(A)			
		Day Time	Night Time	Permissible Limit CPCB	
				Day Time	Night Time
1.	Near Main Gate	65.6	59.7	75 dB (A)	70 dB (A)
2.	Near Material Gate	64.3	55.3	75 dB (A)	70 dB (A)
3.	Near Boiler	70.4	67.5	75 dB (A)	70 dB (A)
4.	Near ETP	69.6	64.6	75 dB (A)	70 dB (A)
5.	Near MEA Plant	66.7	63.8	75 dB (A)	70 dB (A)
6.	Near MEA-2 Project Area.	64.8	56.2	75 dB (A)	70 dB (A)

Note: Ambient Air Quality Standards in respected of Noise as per CPCB.

Area Code	Category of Area/Zone	Limit in dB (A) Leq	
		Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

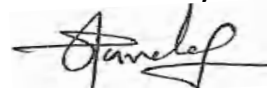
***** End of Report *****

Checked By:





Ankur R. Patel
(Supervisor)

Authorized By:






Jaivik S. Tandel
(Manager - Operations)

Coal Handling Guideline Compliance		
Sr. no.	Content	Compliance
(A) Location criteria		
1.	Coal handling unit/Agency shall not use any agriculture land and shall be located at a minimum distance of 250 meters away from the surrounding agricultural land.	Complied. The unit is already located at a minimum distance of 250 meters away from the surrounding agricultural land. Our unit is in the Special Economic Zone area.
2.	Government waste land not suitable for any agricultural purpose meeting with the requisite siting / distance criteria shall be preferred for establishing coal handling units.	Complied. Our unit is in the Special Economic Zone area.
3.	Coal handling unit/Agency shall be minimum 500 meters away from the residential area, school/colleges, Historical Monuments, Religious Places, Ecological sensitive area as well as forests area.	Complied. There is no residential area, school/colleges, Historical Monuments, Religious Places, Ecological sensitive area of 500 m radial distance from the project site.
4.	Coal handling unit/Agency shall be located at a minimum 500 meters away from the Railway line, Expressways, National Highways, State ways and District Roads and from water bodies like River, Nala, Canal, Pond etc.	Complied. There is no Railway line, Expressways, National Highways, State ways and District Roads and from water bodies like River, Nala, Canal, Pond of 500 m radial distance from project site..
5.	In case of coal handling activities at the ports and jetties or extension thereof, the distance and land use criteria may be relaxed and compensated by advanced/sophisticated pollution control measures and mechanization & thick plantation, however all such ports and jetties, where coal handling is carried out, shall provide closed conveyor belt and mechanization for handling of coal.	Complied. Our unit is not carrying out coal handling activities at the ports and jetties or extension thereof.
(B) Storage and handling criteria		
6.	Coal handling unit/Agency shall store coal in such a way that coal heap should not be higher than 5 meter and clear distance between two adjoining heaps at G.L. should be 5 meters, so that in case of fire, approach is available.	Complied. Unit has store coal in such a way that coal heap should not be higher than 5 meter and clear distance between two adjoining heaps at G.L. should be 5 meters as shown in below photoes.



		 <p><u>New Coal Storage Yard</u></p>  <p><u>Old Coal Storage Yard</u></p>
7.	There should be mechanized loading/ unloading system from the loading /unloading area to the stacking yards and into the vehicles.	<p>Complied.</p> <p>Unit ues Mechanical Loader for loading/ unloading of Coal.</p>
8.	Coal handling unit/Agency shall take all corrective steps to resolve the issue of air pollution at permitted coal storage/handling area where coal is being stored.	<p>Complied.</p> <p>Unit has installed dust curtains surrounding the coal yard for control of dust dispersion during unloading and loading activity.</p>

		<div data-bbox="943 247 1503 682" data-label="Image"> </div> <p data-bbox="1127 697 1292 726"><u>Dust curtains</u></p> <p data-bbox="940 768 1463 835">Unit has also installed a enclosed Good Lift for handling of material in a closed loop system.</p> <div data-bbox="943 877 1495 1394" data-label="Image"> </div> <p data-bbox="1122 1409 1349 1438"><u>Enclosed Good Lift</u></p>
(C) Transport criteria		
9.	Coal handling unit/Agency shall ensure that all trucks before leaving the storage yard shall be showered with water with adequate system, Shall be covered with tarpaulin or any other effective measure/device completely and also that trucks are not overloaded as well as there is no spillage during transportation.	<p>Complied.</p> <p>Unit has ensured that all trucks before leaving the storage yard will be showered with water with adequate system, covered with tarpaulin or any other effective measure/device completely and also that trucks are not overloaded as well as there</p>

		is no spillage during transportation.
10.	The vehicle carrying the coal should not be overloaded by raising the height of carriage. Weigh scale shall be provided within the loading area only and port / coal park authority shall ensure that no overloading is done.	Complied. The unit has ensured that the truck is properly covered and is not overloaded.
11.	The top of the vehicle should be covered with fixed cover instead of tarpaulin cover to avoid spillage or dusting of coal.	Complied. The unit has ensured that the top of the vehicle should be covered with fixed cover instead of tarpaulin cover.
(D) Pollution prevention criteria		
12.	Coal handling unit/Agency shall provide paved approach with adequate traffic carrying capacity	Complied. The unit has Internal concreted roads with adequate traffic carrying capacity. Photograph attached as below.  <p style="text-align: center;"><u>Internal concreted roads</u></p>
13	Coal handling unit/Agency shall construct compound wall all along the periphery of the premises with minimum 9 meters height	Complied. The unit has a compound wall all along the periphery of the coal storage yard premises with a minimum 9 meters height. Photograph attached below.

		 <p style="text-align: center;"><u>Compound wall</u></p>
14.	Continuous water sprinkling shall be carried out on the top of the heap at regular intervals to prevent dusting, fire & smoke. To prevent fugitive emissions during loading/unloading, fixed pipe network with sufficient water storage and pump shall be installed. Water sprinkling shall be carried out at each and every stage of handling to avoid generation of coal dust or other dust within premises	<p>Compiled. The Unit has installed Continuous water sprinkling System for preventing dusting, fire & smoke. Photograph attached below.</p>  <p style="text-align: center;"><u>Continuous water sprinkling System</u></p>
15.	Coal handling unit/Agency shall ensure regular sweeping of coal dust from internal and main road and also ensure that there is adequate space for free movement of vehicles.	<p>Compiled. The unit has ensured regular sweeping of coal dust from internal and main road and also ensured that there is adequate space for free movement of vehicles.</p>
16.	The following adequate Air Pollution Control Measures shall be installed and to be operated efficiently.	<p>Compiled. Unit has installed dust curtains surrounding the coal yard for control of dust dispersion during unloading and loading activity.</p>

	<p>(a) Dust containment cum suppression system for the coal stack,loading and unloading.</p>	 <p><u>Dust curtains</u></p> <p>Unit has also installed a enclosed Good Lift for handling of material in a closed loop system.</p>  <p><u>Enclosed Good Lift</u></p>
	<p>(b) Construction of effective wind breaking wall suitable to local conditions to prevent the suspension of particles from the heaps.</p>	<p>Compiled.</p> <p>The unit has constructed a wind breaking wall for preventing the suspension of particles from the heaps. Photograph attached below.</p>

		  <p data-bbox="1068 1171 1312 1203"><u>Wind breaking wall</u></p>
	<p data-bbox="264 1251 878 1314">(c) Construction of metal road & RCC Pucca flooring in the plot area/godown etc.</p>	<p data-bbox="930 1251 1490 1388">Compiled. The unit has constructed RCC flooring in the Coal storage area Which shows condition no.6 photograph.</p>
	<p data-bbox="264 1503 878 1566">(d) System for regular cleaning and wetting of the floor area within the premises.</p>	<p data-bbox="930 1503 1490 1608">Compiled. The unit has ensured regular cleaning and wetting of the floor area within the premises.</p>

(e) Entire coal storage area/ godown should be covered with permanent weather shed roofing and side walls i.e., in closed shed, in case of crushing/sieving/grading activity is carried out (i.e. G. I. Sheet) along with adequate additional APCM should be installed.

Compiled.

Entire coal storage area/ godown will be covered with permanent weather shed roofing and side walls.

Photograph attached below.





		<u>Coal storage area</u>
17.	Coal handling unit/Agency shall carryout three rows plantation with tall growing trees all along the periphery of the coal handling premises, inside & outside of the premises along with road.	<p>Compiled.</p> <p>Unit will carry out three row plantations with tall growing trees all along the periphery of the coal handling premises, inside & outside of the premises along with road. Photograph attached below.</p> <div data-bbox="940 604 1484 1220" data-label="Image"> </div> <p><u>Tree Plantation</u></p>
18.	Proper drainage system shall be provided in all coal storage area so that water drained from sprinkling & runoff is collected at a common tank and can be reused after screening through the coal slit or any other effective treatment system.	Compiled.
19.	All the engineering control measures and state of the art technology including covered conveyor belts, mechanized loading and unloading, provision of silo etc. shall be provided in addition to the measures recommended in the environmental guidelines for curbing the pollution.	<p>Compiled.</p> <p>The unit has installed engineering control measures like covered conveyor belts, Dust curtains ,Enclosed Good Lift & fly ash pneumatic conveying system</p> <p>As per environmental guidelines for curbing the pollution. Photograph attached below.</p>




Covered conveyor belts



Dust curtains

		 <p><u>Enclosed Good Lift</u></p>  <p><u>fly ash pneumatic conveying system</u></p>
(E) Safety requirement		
20.	Coal handling unit/Agency shall provide adequate fire fighting measures to avoid any fire or related hazards including adequate water storage facility, and the premises shall be exclusively used for storage of the coal.	<p>Compiled.</p> <p>The unit has installed adequate fire fighting measures like fire hydrant and sprinkler system to avoid any fire or related hazards. Photograph attached below.</p>

		 <p><u>Fire hydrant & Fire extinguisher</u></p>  <p><u>Sprinkler system</u></p>
21.	An onsite emergency plan shall be prepared and implemented by coal handling unit.	<p>Complied.</p> <p>Onsite emergency plan prepared by the unit. Emergency plan submitted and approved by DISH.</p> <p>Unit has conducted periodically Mockdrill on different scenarios and the same as attached as Annexure-1</p>
(F) Legal criteria		

22.	Necessary permission from all the applicable regulatory authorities and adequate steps under the provisions of applicable environmental acts/ rules shall be taken.	<p>Complied.</p> <p>The unit is complying with the conditions of Environment Clearance granted by MoEF & CC vide order no. as below.</p> <p>1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013.</p> <p>2) Environment Clearance amendment Letter No. SEIAA/GUJ/EC/5(f)/547/2019 dated 10/04/2019.</p> <p>3)Environment Clearance Extension and amendment Letter No. SEIAA/GUJ/EC/5(f)/1639/2020 dated 31/12/2020.</p> <p>4) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022.</p> <p>5) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024.</p> <p>The unit has submitted a half yearly compliance report for the period of Oct'23 to Mar'24 on 27.05.2024 as reference no. AIL/DHJ/NEO/ENV/2024-25/007.</p> <p>An Acknowledgement copy of the same is attached as Annexure-2</p>
23.	Coal handling unit/Agency shall prepare EMP (Environment Management Plan) and implement the same in true spirit and thus maintain overall environment of that area.	<p>Complied.</p> <p>EMP (Environment Management Plan) Compliance report attach as Annexure-3</p>
24.	Coal handling unit/Agency shall not carry out the operation of loading/unloading of coal/coal dust at any place, till adequate air pollution control equipment for dust control/suppression are installed and efficiently operated and the consent under the provisions of Air (Prevention & Control of Pollution) Act, 1981 is obtained by the coal yard owners/ Coal handling unit/Agency / coal importers.	<p>Complied.</p> <p>Unit has followed the Solid Fuel guideline framed by the Board and installed APCM as per guideline.</p> <p>APCM:-</p> <p>PCM systems have been installed for Boiler 67 TPH, 20 TPH such as ESP. Fly Ash being stored in a silo storage area</p>



3 stage ESP and 76 m stack attached to boiler



Silo installed for fly ash storage and dusting free truck loading



Automated Lime feeding system for controlling SOx commission.

25.	<p>Coal handling unit/Agency shall operate continuous Ambient Air Quality Monitoring Stations as per CPCB guideline. The results of parameters like SPM, RSPM, and SO₂ and NO_x shall be submitted to the SPCB three months.</p>	<p>Compiled.</p> <p>Unit has installed online Continuous Emission Monitoring Systems (CEMS) and link it with the server of GPCB</p> <p>Photos of CEMS are attached as per following :</p> <div data-bbox="971 388 1464 762" data-label="Image"> </div> <div data-bbox="945 823 1500 1360" data-label="Image"> </div> <div data-bbox="933 1411 1500 1900" data-label="Figure"> </div>
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		<p><u>Photocopy of GPCB server for CEMS system</u></p> <p>The results of parameters like SPM, RSPM, and SO2 and NOx shall be submitted to the SPCB three months</p>																	
26.	<p>The concentration of the following parameters in the ambient air within the premises and a distance of 10 meters from the source (other than the stack/vent) shall not exceed the following levels.</p> <table><tr><th rowspan="2">PARAMETERS</th><th colspan="2">PERMISSIBLE LIMIT</th></tr><tr><th>Annual (Microgram/m3)</th><th>24 hrs Average (Microgram/m3)</th></tr><tr><td>PM 10</td><td>60</td><td>100</td></tr><tr><td>PM 2.5</td><td>40</td><td>60</td></tr><tr><td>SO2</td><td>50</td><td>80</td></tr><tr><td>NOx</td><td>40</td><td>80</td></tr></table>	PARAMETERS	PERMISSIBLE LIMIT		Annual (Microgram/m3)	24 hrs Average (Microgram/m3)	PM 10	60	100	PM 2.5	40	60	SO2	50	80	NOx	40	80	<p>Compiled.</p> <p>The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory (Unistar Environment & Research Labs Pvt. Ltd.). The results of the analysis are provided in the table. Copy of the analysis report has been attached as Annexure-4</p>
PARAMETERS	PERMISSIBLE LIMIT																		
	Annual (Microgram/m3)	24 hrs Average (Microgram/m3)																	
PM 10	60	100																	
PM 2.5	40	60																	
SO2	50	80																	
NOx	40	80																	
(G)Installation and Operation of Air Pollution Control Measures																			
27.	<p>The applicant shall be required to provide the following minimum APCM based on type of fuel and its consumption, fuel property like CV equivalent (NCV of fuel), equivalent ash content, equivalent moisture content etc. the industry may add to the APCM prescribed below, if need be so.</p> <table><tr><th>Steam Generation Capacity</th><th>Types of APCM</th></tr><tr><td>Less than 1</td><td>Cyclone + Water Scrubber</td></tr><tr><td>1 to 8</td><td>Multi Cyclone + Bag Filter + Water Scrubber</td></tr><tr><td>8 and more</td><td>ESP</td></tr></table>	Steam Generation Capacity	Types of APCM	Less than 1	Cyclone + Water Scrubber	1 to 8	Multi Cyclone + Bag Filter + Water Scrubber	8 and more	ESP	<p>Compiled.</p> <p>Unit has followed the Solid Fuel guideline framed by the Board and installed APCM as per guideline.</p> <p>APCM:-</p> <p>PCM systems have been installed for Boiler 67 TPH, 20 TPH such as ESP. Fly Ash being stored in a silo storage area</p>									
Steam Generation Capacity	Types of APCM																		
Less than 1	Cyclone + Water Scrubber																		
1 to 8	Multi Cyclone + Bag Filter + Water Scrubber																		
8 and more	ESP																		





3 stage ESP and 76 m stack attached to boiler

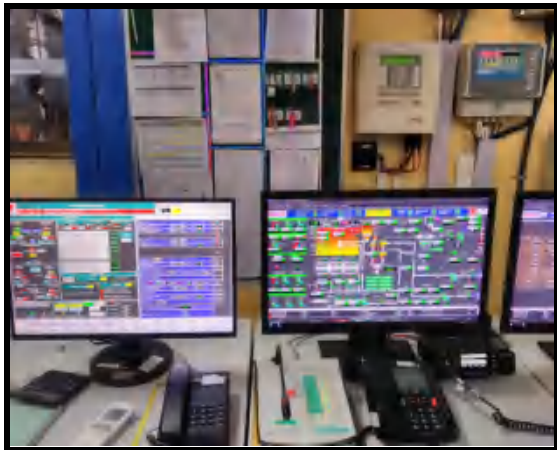




Silo installed for fly ash storage and dusting free truck loading





Automated Lime feeding system for controlling SOx commission.



28.	The unit shall install on line continuous emission monitoring system (CEMS) and link it with the server of GPCB for real time data transfer for boiler more than 8 TPH capacity or equivalent capacity of TFH.	Compiled. Unit has installed online Continuous Emission Monitoring Systems (CEMS) and link it with the server of GPCB. Photos of CEMS attached in condition no.25
29.	If Boilers is of more than 8 TPH capacities, the unit shall install online CO2 analyzer/ online CO2 monitoring system and the combustion efficiency of the Boiler should be checked regularly.	It will be Complied.
30.	In case of ESP, minimum 3 fields shall be provided.	<p>Compiled.</p>  <p>3 stage ESP and 76 m stack attached to boiler</p>
31.	Control of SOx through one of the processes mentioned below (for coal fired boilers).	<p>Compiled.</p> <p>We use the Wet Limestone Process to control the SOx emission as shown in the photo.</p> 
a	• Wet Limestone Process	
b	• Semi-wet Flash Absorption Process	
c	• Spray Drying-cum-Absorption Process	
d	• Sodium Alkali Process	
e	• Ammonia Process	

32.	Control of particulate matter by installing efficient ESP/Bag filters.	Compiled. The unit has 3 stage ESP and an 76 m stack attached to the boiler. Photograph attached as in condition no.30
33.	Control of NOx with latest combustion grate technology, dynamically Air/Water cooled grate system (for multi fuel boilers & less than 20 TPH capacity).	Compiled. The unit has used the latest combustion grate technology, dynamically Air/Water cooled grate system to control the NOx emission.
34.	PLC controlled operations.	<p>Compiled. The unit has provided a DCS system to control operations. Photograph attached below.</p>  <p style="text-align: center;"><u>DCS System</u></p>
35.	Boiler efficiency shall be minimum 75 % and record for the same shall be maintained.	Noted and Compiled.
36.	Boilers having capacity of 3 TPH or more shall be provided with an Online monitoring system and auto fuel feeding system with conveyor/screw belt.	<p>Compiled.</p> <p>Unit has installed online Continuous Emission Monitoring Systems (CEMS) and link it with the server of GPCB. Photos of CEMS are attached in condition no.28</p> <p>The unit has an auto fuel feeding system with a screw belt. Photograph attached below.</p>


		 <p><u>Auto fuel feeding system with a screw belt.</u></p>
37.	The cyclone bottom opening should be kept airtight & leak proof; else, it would reduce cyclone efficiency. The duct collected should be taken out from time to time (say once per shift) & appropriately disposed avoiding secondary pollution.	Noted and Compiled.
38.	Cyclone, multi cyclone, bag filter and ESP shall be provided with rotary air valve for auto collection/discharge of fine dust	<p>Compiled.</p> <p>The unit has provided ESP with a rotary air valve for auto collection/discharge of fine dust. Photograph attached below.</p> 


		 <p style="text-align: center;"><u>Rotary air valve</u></p>
39.	Material of construction of wet scrubber should be S.S. 316 or equivalent to withstand against corrosion and acid effect. All water circulation pipe and pump should be S.S. 316 or acid and corrosion proof.	Not Applicable.
40.	Sufficient water storage tank and filter arrangement to be provided for removing micro dust from circulating water.	Not Applicable.
41.	Air pressure line of adequate capacity shall be provided for efficient working of air pulse jet system.	Not Applicable.
42.	Energy meter for APCM shall be provided and record for the same should be maintained.	<p>Compiled.</p> <p>The has provided separate energy meter for APCM And it's record has been maintained.Same is being uploaded in the XGN portal on a monthly basis.</p> <p>Photograph attached below.</p>

		 <p style="text-align: center;"><u>APCM PLC Panel</u></p>
43.	In bag filter technical by-pass can be allowed only heavy duty bypass damper arrangement in case if the by-pass is provided by the manufacturer itself and can operate with electro pneumatic system in case of high temperature or low temperature gas (dew point temperature acid formation), RAV not operating. By-pass gas should pass through only cyclone or multicyclone before connected to chimney. In any case manual by-pass system is not allowed.	Not Applicable.
44.	Auto by-pass system should display on the control panel	Not Applicable.
(H)Stack/chimney requirements:		
45.	Stack height shall not be less than 33 meters in any case.	<p>Compiled.</p> <p>Unit has two boiler stacks (14 TPH & 67 TPH).</p> <p>The height of 14 TPH boiler and 67 TPH boiler is 42 meters and 76 meters respectively.</p>

46.	Chimney should be provided with strong ladder and platform to take sample.	<p>Compiled.</p> <p>Chimney has provided a strong ladder and platform to take samples. Photograph attached below.</p>   <p style="text-align: center;"><u>Ladder and Platform</u></p>
48.	230 V electrical points with weather proof plug and switch to be provided near chimney for sampling instrument.	<p>Compiled.</p> <p>The unit is equipped with 230V electrical outlets with weatherproof plug and a switch will be provided near the chimney for the sampling instruments. Photograph provided in condition no. 47</p>

Fly Ash Handling Guideline Compliance		
Sr. No.	Content	Compliance

1	Sender and Receiver collectively shall ensure that fly ash is transported in Environmentally sound manner following the guidelines prescribed by CPCB.	<p>Compiled.</p> <p>The fly ash is transported in a closed dump truck to control dust pollution. Photograph attached below.</p>  <p><u>Closed dump truck</u></p>
2	The user agency shall obtain prior approval of design of Road Tankers/ Bulkers or mechanically covered trucks, as the case may be, from the concerned State Pollution Control Board.	Compiled.
3	State Pollution Control Board shall clearly indicate mode of transportation and method of loading and unloading while granting the Condition.	Compiled.
4	In no case, Fly Ash or Bottom ash shall be allowed to be transported by open trucks/ trollies irrespective of distance or end use.	<p>Compiled.</p> <p>The fly ash is transported in a closed dump truck to control dust pollution. Photograph attached in condition no.1</p>
5	Fly Ash is generally transported either from fly ash Silo or from ash pond upto distance varying from less than 1 Km to 50 Kms using the SPCB granted modes of transportation.	<p>Compiled.</p> <p>Fly Ash has been transported from fly ash Silo up to distance varying from less than 1 Km to 50 Kms using the SPCB granted modes of transportation.</p>
6	Fly ash is stored only in Silo, Domes and other bulk storage facilities.	<p>Compiled.</p> <p>Fly has been stored in Silo.</p>
7	Fly ash can be transferred using air slides, bucket conveyors, screw conveyors or through pipelines under positive or negative pressure condition to the Silo to prevent the fugitive emission.	<p>Compiled.</p> <p>The fly ash was transferred by air sliding to the silo and fugitive emissions will be avoided from the silo.</p>
8	The opening of telescopic chutes should be closed and confined to avoid fugitive dust emission.	<p>Compiled.</p> <p>The opening of telescopic chutes has been closed and confined to avoid fugitive dust emission. Photograph attached below.</p>

		 <p style="text-align: center;"><u>Telescopic Chutes</u></p>
9	Avoid overfilling of fly ash in tractors/ trucks during transportation. Adequate free board in trucks should be kept to avoid overflow/ spillage during transportation.	<p>Noted and Compiled.</p> <p>The unit has ensured that no overfilling of fly ash in trucks has been done during transportation. Adequate free board in trucks has been kept to avoid overflow during transportation.</p>
10	The Fly ash silo should be made of anti- abrasive or anti- corrosive. It is preferred to provide concrete Silo / Hopper to avoid leakages.	<p>Compiled.</p> <p>Material of construction of the fly ash silo is S.S. 304. It's a strong metal with high resistance against corrosion.</p>
11	Telescopic Chutes should be anti-abrasive material/ cloth.	<p>Compiled.</p>
12	Water sprinkling should be made to suppress fugitive emission, if any generated.	<p>Compiled.</p> <p>The unit has provided a water sprinkling system nearby the area to prevent fugitive emission.</p>
13	Unit should make arrangements for washing wheels of the vehicles (Bulkers/Trucks) before they leave out for the main road.	<p>Compiled.</p> <p>Unit will make arrangements for washing wheels of the vehicles (Bulkers/Trucks) before they leave out for the main road.</p>
14	In case of any spillage enroute during transportation of fly ash, the agency shall ensure that spilled ash is collected and transported to the disposal/ usage site immediately.	<p>Noted and Compiled.</p> <p>In case of any spillage enroute during transportation of fly ash, the unit will ensure that spilled ash is collected and transported to the disposal/ usage site immediately.</p>

15	All the Bulklers and trucks or tractors responsible for carrying fly ash should have valid pollution Under Control certificates.	Noted and Compiled. The unit has ensured that all the Bulklers and trucks or tractors responsible for carrying fly ash have valid pollution Under Control certificates.
16	The speed limit of vehicles carrying fly ash should be strictly enforced and in no case the same shall exceed 40 kms per hour.	Compiled. The unit has ensured that the speed limit of vehicles carrying fly ash is strictly enforced and in no case exceeds 40 kms per hour.
17	Transportation of fly ash through thickly populated areas should be avoided as far as possible.	Noted and Compiled.
18	General awareness/ training programmes should be organised regularly for tankers operating staff like drivers and cleaners on the impact of hazard of fly ash.	Noted and Compiled. General awareness/ training programmes (have been organized regularly for tankers operating staff like drivers and cleaners on the impact of hazard of fly ash.
19	Fly ash based Brick, Tiles, Blocks etc manufacturers should have mechanically designed covered trucks need to be used. Tractor trolleys with box type cover on top with hydraulic unloading system need only to be deployed for transportation of dry or wet fly ash, while traversing through habilitated areas otherwise, tractor trolleys suitably covered with good quality of tarpaulin (made of HDPE) could be allowed to transport fly ash for shorter distance say upto a distance of about 10 kms.	Noted and Compiled.
20	Cement and asbestos manufacturers should mechanically design covered trucks and provided with automatic loading and unloading through compressor/ vacuum pumps mounted on the tankers need only to be used./ Special designed railways wagons similar to Bulklers/ Tankers need to be used for transportation.	Noted and Compiled.
21	Road Construction and filling of low lying area users should have used Tankers/ Bulklers or mechanically designed covered Trucks Need to be used.	Noted and Compiled.

Annexure - VIII



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

Date 31-08-18

To,
Aarti Industries Ltd.
Plot No. Z/103/H,
Dahej Sez -II,
Tal: Vagra,
Dist: Bharuch.

Sub : Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for the common Solid/Hazardous waste disposal facility developed by Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar and Dahej. You have booked solid waste quantity of 150 MT/year. You have also paid your capacity commitment charges. Your Membership No. is Oth/653

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,
For, BHARUCH ENVIRO INFRASTRUCTURE LTD.


AUTHORISED SIGNATORY

CIN No.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : panjwani@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)



BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

28th MAY, 2020

To,
AARTI INDUSTRIES LTD. - DAHEJ
PLOT NO.Z/103/H,
DAHEJ SEZ - II,
TAL: VAGRA,
DAHEJ.

Sub : Membership Certificate for Common Incineration Facility

Dear Sir,

You are a member of our Common Incinerator Facility and your membership No. is **CI/BD/94**. We hereby certify that your booked quantity has increased from **140 MT / Year to 265 MT / Year.**

Thanking you,

Yours faithfully,

For, BEIL Infrastructure Limited
(Formerly Known as Bharuch Enviro Infrastructure Ltd)


AUTHORISED SIGNATORY

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : dalwadibd@beil.co.in

Certificate

Certificate No: CPAW1A0046

To Whomsoever it may concern
This is to certify that
AARTI INDUSTRIES LTD (DAHEJ UNIT)

PLOT NO-Z/103/H,
DAHEJ SEZ-II,
TA-VAGRA,
DAHEJ

is a valid member of
Recycling Solutions Private Limited
for Alternate Fuel Resource Facility.
This membership is valid for a period of
10 Years

Date of issue : 18/01/2017
Date of expiration : 17/01/2027
Place of issue : Panoli

For, Recycling Solutions Private Limited

[Signature]
Director/Authorised signatory

Waste Information :					
SrNo	Type Of Waste	Sign Qty (TPA)	SrNo	Type Of Waste	Sign Qty (TPA)
1	PROCESS WASTE	600.000			
Total Sign Qty (TPA) :					600.000

SUBJECT TO BHARUCH JURISDICTION

Site Address
Plot No.223, GIDC Estate Panoli, Panoli-394 116
Dist. Bharuch, Gujarat. Phone: +91 2646 272029
CIN - U37100MH2012PTC237696

Regd. office :
370, S V P Road, Shop 8, Ciganharala Bldg., Opp. CBI,
Pradhana Samaj, Nr. Hardikshandas Hospital,
Mumbai - 400004.

E-mail
mail@rs-pl.com

Website
www.rs-pl.com



Certificate

Certificate No.: 1200002426

To Whomsoever it may concern

This is to certify that

AARTI INDUSTRIES LTD.

PLOT NO. Z/103/H,
DAHEJ SEZ II, TAL: VAGRA,
DAHEJ

is a valid member of

SAURASHTRA ENVIRO PROJECTS PVT. LTD.

for

Integrated Common Incineration Facility

This membership is valid for a period of

5 Years

Date of Issue : 23.09.2021

Date of Expiration : 22.09.2026

Place of Issue : Surat

For, Saurashtra Enviro Projects Pvt. Ltd.

Director

SUBJECT TO SURAT JURISDICTION

Date: 30/01/2024

To,
The Deputy Director,
Industrial Safety and Health,
2nd Floor, Near Gayatri Nagar,
Kanbivaga, Bahumali Building,
Bharuch 392001

Subject: Submission of Third Party Safety Audit Report as per IS 14489:2018


Respected Sir,

Aarti Industries Limited (AIL) operates a fully integrated manufacturing set-up of specialty chemicals at Survey No. Z/103/H, Dahej SEZ II, Tal. Vagra, Dist. Bharuch 392130. We have completed the Third Party Safety Audit as per IS 14489:2018. We are submitting herewith the report for your ready reference and record please.

Kindly acknowledge the receipt of the same and oblige.

Thanking you in kind anticipation.


Yours Sincerely,
For, Aarti Industries Limited

 31/11/2024
Rakesh Patel
Manager
Industrial Safety and Health

Authorized Signatory
Rikesh Patel

Encl.: Third Party Safety Audit Report Nov. 2023



भारत सरकार/Government of India
वाणिज्य और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो) /Petroleum & Explosives Safety Organisation (PESO)
आंठवी मंजिल, यश कमल बिल्डींग, सयाजी गंज
वडोदरा- 390020
8th Floor, Yash Kamal Building, Sayajigunj,
Vadodara - 390020

ई-मेल:/E-mail : dyccebaroda@explosives.gov.in

फोन / फ़ैक्स नंबर:/Phone/Fax No : 0265 - 2225159

दिनांक/Dated : 01/09/2022

अनुज्ञप्ति सं./No : S/HO/GJ/03/1678(S69130)

सेवा में/To,

M/s. Aarti Industries Limited,
Z-103/H, DAHEJ, SEZ-II,
VAGRA,
Vagra,
District: BHARUCH,
State: Gujarat
PIN: 392130

विषय :/Sub : Plot No, Z/103/H, Dahej SEZ II Taluk Vagra, Dahej, Bharuch, Taluka: Vagra, District: BHARUCH, State: Gujarat, PIN: 392130 स्थित LIQUID NITROGEN, गैस के संपीडित पात्र / पात्रों में भंडारण के लिए स्थिर एवं गतिशील दाब पात्र (अज्वलित) नियम, 2016 के अधीन स्वीकृत अनुज्ञप्ति संख्या S/HO/GJ/03/1678 के नवीनीकरण संबंध में /Storage of NLIQUID NITROGEN gas in pressure vessels at Plot No, Z/103/H, Dahej SEZ II Taluk Vagra, Dahej, Bharuch, Taluka: Vagra, District: BHARUCH, State: Gujarat, PIN: 392130 - Licence No : S/HO/GJ/03/1678 grant in form LS-1A of SMPV(U) Rules, 2016-Renewal of Licence Regarding

महोदय/Sir(s),

कृपया आपके दिनांक : 23/08/2022 के पत्र संख्या: OIN1117209 का संदर्भ ग्रहण करें ।/Please refer to your application No.OIN1117209 dated 23/08/2022 .

अनुज्ञप्ति संख्या : S/HO/GJ/03/1678 का नवीकरण दिनांक 30th सितंबर 2027 तक कर इसके साथ अग्रेषित की जा रही हैं ।
Licence Number: S/HO/GJ/03/1678 is renewed and is valid upto 30th September 2027 is forwarded herewith.

दिनांक 30/09/2027 . से आगे अनुज्ञप्ति नवीनीकरण हेतु उपरोक्त नियम के नियम 55 के प्रावधानों का पालन किया जाए । विलंब शुल्क से बचने हेतु शुल्क के साथ मूल अनुज्ञप्ति तथा अन्य दस्तावेज अधिकतम दिनांक : 30 सितंबर, 2027 तक The Jt. Chief Controller of Explosives, Vadodara Circle, Vadodara में जरूर पहुंच जाने चाहिए ।

The provisions of the Rule 55 of the above said rules shall be followed for further renewal of the licence beyond 30/9/2027. The renewal application along with fees, Original licence and other documents shall reach in the Office of The Jt. Chief Controller of Explosives, Vadodara Circle, Vadodara, latest by 30th September,2027 to avoid late fee.

कृपया अनुज्ञप्ति प्राप्ति की पावती दें ।/Please acknowledge the receipt of the licence.

भवदीय/Yours faithfully,

((कुंवर पाल सिंह)
(Kunwar Pal Singh))
उप विस्फोटक नियंत्रक
Dy. Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
वडोदरा/Vadodara

(For more information regarding status,fees and other details please visit our website <http://peso.gov.in>)

Note:-This is system generated document does not require physical signature.

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सत्यमेव जयते

FORM NO. 4

(Prescribed under Rules 5)

FORM NO. 4

IN S06024007A

D.A 01-Jul-2016

(Prescribed under Rule 5)

Digitally signed by KANTIAI
Date: 2023.09.29 15:59:12 IST
Reason: Approval
Location: Bharuch

[illegible]

Standard EC Conditions for Pharmaceutical/Chemical Industry sector

Sr. No.	Condition	Compliance status
1	Statutory compliance	
1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project	Not Applicable The project site is located at Dahej SEZ-II notified industrial estate.
2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable The project site is located at Dahej SEZ-II notified industrial estate.
3	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (incase of the presence of schedule-I species in the study area)	Not Applicable The project site is located at Dahej SEZ-II notified industrial estate.
4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.	Complied The unit obtained the CCA amendment No. AWH- 112729 dated 15/06/2021 valid till 19/05/2028, under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee. Copy of the same is attached as Annexure A.
5	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Complied. The unit has obtained permission from the GPCB CCA amendment No. AWH-112729 dated 15/06/2021 valid till 19/05/2028, for collection, storage and disposal of hazardous waste. The solid waste is disposed to BEIL, Ankleshwar, process waste is disposed to RSPL for co processing & Aluminium Hydroxide (Process Waste) recycle to Mona print Pvt Ltd. (Rule-9) through manifest system and GPS.
2	Air quality monitoring and preservation	

1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories	Compiled Unit has installed OCEMS system as per CPCB guideline for water and Air applicable to dyes and dyes intermediates which is under operation The calibrate these system from time to time according to equipment supplier.
2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.	Compiled. The fugitive emissions in the work zone environment are monitored by in house facilities as well as done by a third party consultant who has a MoEF&CC/GPCB/NABL approved laboratory.
3	The project proponent shall install system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM ₁₀ and PM _{2.5} in reference to PM emission, and SO ₂ and NO _x in reference to SO ₂ , and NO _x emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	Compiled. The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory Unistar Environment & Research Labs Pvt. Ltd.). The results of the analysis are provided in the table. Unistar NABL Certification No.: TC-7753

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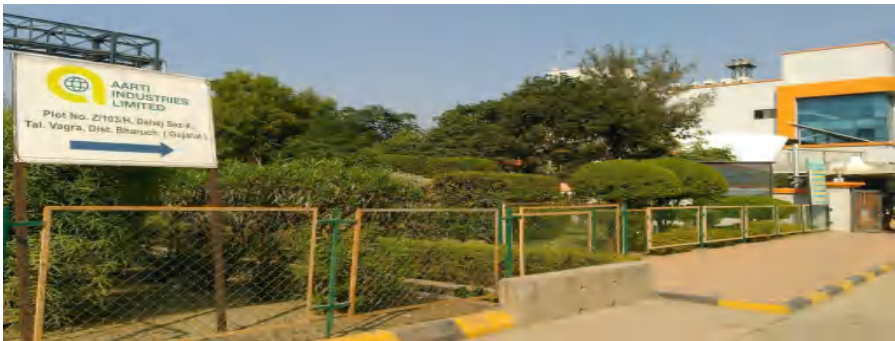
4	To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through a stack of adequate height as per CPCB/SPCB guidelines.	Complied. Unit has a closed handling system for coal. Unit has a coal storage area. . Unit as provided silo for coal storage . We have provided a lime addition system along with coal for control SO2 emission.
5	Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Complied Unit has provided silos and storage areas for coal.
6	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed	Complied. Unit has follows the NES for ambient air. Please refer above point no 3 for ambient air monitoring . All the parameters are well within the limit.
7	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.	Complied. Unit has follows the NES for ambient air. Please refer above point no 3 for ambient air monitoring . All the parameters are well within the limit.
3	Water quality monitoring and preservation	
1	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)	Complied . Unit has provided online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD) which is under working condition.
2	As already committed by the project proponent, Zero Liquid Discharge shall	Complied.



3	The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986,	Complied. The effluent coming from various plants are collected and treated in ETP consists of Primary, secondary and tertiary treatment facilities. And further treatment in
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	or as specified by the State Pollution Control] Board while granting Consent under the Air/Water Act, whichever is more stringent.	RO followed by MEE.												
4	Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.	The tabular data below indicate that unit has not exceeded the prescribed limit for water consumption i.e. 1186.5 KLD. Metering facilities have been provided along with flowmeter and the records are maintained for water consumption.												
5	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.	Unit has provided separate plant drain/pits and storm water drains hence Process effluent/any wastewater shall not be allowed to mix with storm water. Plant pits are connected to ETP. The storm water from the premises is collected and discharged through a separate conveyance system.												
6	The Company shall harvest rainwater from the rooftops of the buildings and storm water drains to recharge the groundwater and utilize the same for different industrial operations within the plant.	Complied. The harvest rainwater from the rooftops is provided and under operation.												
7	DG sets shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.	<p>Complied Unit has been provided with suitable pollution control devices and the adequate stack height. The emission all parameters are well within the limit.</p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Stack attached to</th><th>Stack height (m)</th></tr> </thead> <tbody> <tr> <td>1</td><td>DG Set 1000 KVA</td><td>30</td></tr> <tr> <td>2</td><td>DG Set 1000 KVA</td><td>30</td></tr> <tr> <td>3</td><td>DG Set 1500 KVA</td><td>30</td></tr> </tbody> </table>	Sr. No.	Stack attached to	Stack height (m)	1	DG Set 1000 KVA	30	2	DG Set 1000 KVA	30	3	DG Set 1500 KVA	30
Sr. No.	Stack attached to	Stack height (m)												
1	DG Set 1000 KVA	30												
2	DG Set 1000 KVA	30												
3	DG Set 1500 KVA	30												
4	Noise monitoring and prevention													
1	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	<p>Complied Acoustic enclosure has been provided to DG set for controlling the noise pollution</p>												

2	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	Complied Overall noise levels in and around the plant are within the limit.
3	The ambient noise levels should conform to the standards prescribed under EPA Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Complied. The noise levels in the plant conforms to the standards prescribed in the EP Act, 1986. Noise monitoring is carried out by a MoEF approved laboratory (Unistar Environment & Research Labs Pvt. Ltd.)
5	Energy Conservation measures	
	The energy sources for lighting purposes shall preferably be LED based	Complied Unit has provided the LED based lighting system at the maximum level.
6	Waste management	

1	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farms and the solvent transfer through pumps	Complied All the Hazardous chemicals are stored in Tanks, all the chemicals are transferred through Pumps, and the Plant is operated under the DCS.
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2	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF	Complied Process organic residue are sent to co processing through pre processor, ETP sludge is being sent to TSDF, Aluminium Hydroxide is being sent to end user under rule 9 approved party.
3	The company shall undertake waste minimization measures as below:-	
	a. Metering and control of quantities of active ingredients to minimize waste.	Complied. Metering has been provided with active ingredients to minimize waste.
	b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.	Complied. The by-product generated by the unit $Al(OH)_3$ is sent to the authorized party of Rule 9 (Pradip Overseas) where it is recycled in their process.
	c. Use of automated filling to minimize spillage.	Complied. Closed system is used for filling of materials to minimize spillage. DCS systems are provided for the process.
	d. Use of Close Feed system into batch reactors.	Complied. "Close feed" system is used in batch reactors and continuous reactors.
	e. Venting equipment through vapour recovery system.	Complied. Venting equipment are connected to recovery system like scrubber and condensers.
	f. Use of high pressure hoses for equipment clearing to reduce wastewater Generation	Complied. High pressure hoses are used for equipment cleaning to reduce wastewater generation
7	Green Belt	
1	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	<p>Complied. Unit has developed a greenbelt within the premises as per the guidelines of CPCB. Photos for same are attached as below:</p> 

		 
8	Safety, Public hearing and Human health issues	

1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented	<p>Complied</p> <p>Unit has prepared onsite offsite emergency plan based on the Hazard identification and Risk Assessment (HIRA) and same has been submitted to DISH.</p>
2	The unit shall make the arrangement for protection of possible fire hazards during the manufacturing process in material handling. Fire fighting system shall be as per the norms	<p>Complied</p> <p>Unit has provided the protection of possible fire hazards during the manufacturing process, Also provided the Fire fighting system like fire hydrant systems and fire extinguishers as the prevailing norms.</p>
3	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	<p>Complied</p> <p>Sufficient Personal Protective Equipments are provided to all the workers like Safety goggles, safety shoes, helmet, dust mask, gas mask, hand gloves, etc. The unit is doing Regular training and supervision to ensure the proper usage of PPEs.</p>

4	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on a regular basis.	Complied. Training is given to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees are done on a regular basis. Training to all employees on handling chemicals is imparted regularly.
5	Training to all employees on handling of chemicals shall be imparted.	Complied Training to all employees on handling of chemicals has been imparted.
6	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied Construction workers are not allowed to stay in the site, however necessary provisions and infrastructure facilities like mobile toilets, safe drinking water and medical health care and creche have been provided.
7	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied. Occupational health surveillance of the workers is carried out on half yearly basis and records are maintained as per the factory act. Following check up has been carried out in periodical medical checkup. - General checkup (height, weight, pulse, BP etc) - Blood test (RBC, WBS, hemoglobin, platelets, blood group, differential

8	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places	<p>count, G6PD etc)</p> <ul style="list-style-type: none"> - Urine test (physical, chemical and microbial examination etc) - Vision test - Pulmonary function test - Audiometry - ECG - met Hb for specific workers <p>Complied</p> <p>Adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products.</p>
9	Corporate Environment Responsibility	
1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III] dated 1 May 2018, as applicable, regarding Corporate Environment Responsibility.	Complied

2	<p>The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus company shall have a defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stakeholders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of a six-monthly report.</p> <p>A separate Environmental Cell both at the project and company headquarter level, with qualified personnel shall be set up under the control of a senior Executive, who will directly to the head of the organization.</p>	<p>Compiled .</p> <p>SHE Policy is available signed by the board of directors.</p> <p>Compiled .</p> <p>An experienced environmental engineer holding a BE (Environmental Engineering) degree has been deputed to monitor the environmental management systems along with a central team of 4 Environmental Engineers and a Senior Manager. A centralised environment cell stationed at the Corporate office headed by a Vice President drives and monitors environment policy and performance.</p>
3		
4	<p>Action plan for implementing EMP and environmental conditions along with the responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in a separate account and not to be diverted for any other purpose. Year wise progress of implementation of the action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.</p>	<p>Complied.</p>
5	<p>Self environmental audit shall be conducted annually. Every three years, a third party environmental audit shall be carried out.</p>	<p>Complied</p> <p>Self environment audits are carried out Regularly.</p>

10	Miscellaneous

1	<p>The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.</p>	<p>Compiled.</p> <p>Due to oversight, the advertisement of EC was not published within the stipulated time period. We deeply regret not publishing the advertisement of EC within the stipulated time period.</p>
2	<p>The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.</p> <p>The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on a half-yearly basis.</p>	<p>Compiled.</p>
4	<p>The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.</p>	<p>Noted and compiled .</p> <p>Unit has installed ambient air monitoring stations as per CPCB guideline. Unit have ambient air monitoring for PM₁₀, PM_{2.5}, SO₃, NO_x . All the parameters are well within the limit.</p> <p>The unit is carrying out Ambient Air monitoring as per the National Ambient Air Quality Standards (NAAQS) at upwind and downwind location by a MoEF approved laboratory Unistar Environment & Research Labs Pvt. Ltd.).</p>

5 6 7	<p>The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.</p> <p>The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company</p> <p>The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the Project.</p>	<p>Compiled.</p> <p>Compiled.</p> <p>Unit has submitted yearly the environmental statement for each financial year in Form-V. We have submitted environmental statement for period April 2022 to March 2023</p> <p>Complied.</p> <p>The date of start of the project is 01/01/2014 by concerned authority. LOA Copy Received from SEZ:- 14/03/2012.</p> <p>This project is self financed.</p> <p>We intimated the ministry through a half yearly compliance report.</p>
8	<p>The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.</p>	<p>Compiled .</p> <p>Unit has obtained EC to CTO # AWH-112729 dated 15/06/2021 under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 . All the CTO conditions are complied. Unit has obtained latest CCA amendment No. AWH- 112729 dated 15/06/2021 valid till 19/05/2028, under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.</p>

9	<p>The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.</p>	<p>Complied</p>
10	<p>No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).</p>	<p>Complied.</p> <p>We have taken all applicable prior permissions from MoEF&CC for expansion or modifications.</p>

11	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted for compliance Noted for compliance Noted and compliance
12		
13	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	
14	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted for compliance . We are submitting half yearly compliance reports on regular basis.
15	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Compiled . All the CTO conditions are complied. Unit has obtained the latest CCA amendment No. AWH- 112729 dated 15/06/2021 valid till 19/05/2028, under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.

16	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted for compliance
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Ref: AIL/DHJ/NEO/ENV/2024-25/020

ID: 41201

Date: 13.11.2024

To,
Deputy Director General of Forests
Integrated Regional Office (IRO)
Ministry of Environment, Forest & Climate Change (MoEF&CC)
A Wing - 407 & 409, Aryan Bhawan,
Near CH-3 Circle, Sector - 10A,
Gandhinagar - 382010

Subject: Half Yearly Environment Clearance conditions compliance report for the period of April-2024 to September-2024.

Reference:- 1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013
2) Environment Clearance amendment Letter No. SEIAA/GUJ/EC/5(f)/547/2019 dated 10/04/2019
3) Environment Clearance Extension and amendment Letter No. SEIAA/GUJ/EC/5(f)/1639/2020 dated 31/12/2020
4) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022
5) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024

Respected Sir,

In reference to the above mentioned subject, Unit is enclosing herewith the compliance Report for the period of April-2024 to September-2024 in respect to the above mentioned references of Environment Clearance and its Amendments for Expansion of Synthetic organic chemicals industry (dyes & dye intermediates) manufacturing unit located at Plot No. Z/103/H, Dahej SEZ-II, Tal. Vagra, Dist. Bharuch, Gujarat.

Unit has obtained and implemented below mentioned ECs and submitted condition wise compliance for the same.

- 1) Environment Clearance letter no SEIAA/GUJ/EC/5(f)/173/2013 dated 05/07/2013
- 2) Environment Clearance Expansion Letter No. SEIAA/GUJ/EC/5(f)/2630/2022 dated 07/11/2022
- 3) Environment Clearance Amendment Letter No. SEIAA/GUJ/EC/5(f)/255/2024 dated 29/02/2024

Thanking You
Yours faithfully,

For Aarti Industries Limited


Authorized Signatory




Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

Encl: EC Compliance with Annexures.

COPY TO:

1. The Member Secretary, GPCB, Gandhinagar
2. Email to The Regional Director, CPCB, Vadodara
3. Email to SEIAA, Gujarat
4. Uploaded in MOEF&CC(Parivesh) Portal

www.aarti-industries.com | CIN : L24110GJ1984PLC007301

Regd. Office : Plot No. 801,801/23,IIrd Phase, GIDC Vapi-396195, Dist - Valsad. INDIA. T : 0260-2400366

Factory : Plot No. Z/103/H, Dahej Sez II, Tal. Vagra, Dist. Bharuch, Gujarat - 392130. INDIA.

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400080, INDIA.

T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com



दि न्यू इन्डिया एश्योरन्स कंपनी लिमिटेड

(भारत सरकार का उपक्रम)

THE NEW INDIA ASSURANCE COMPANY LTD.

(Govt. of India Undertaking)

मं. का. 120400, न्यू इन्डिया सेंटर, 4थी मंजिल, 17-ए, कुपरेज रोड, मुंबई - 400 001.

D.O. 120400, New India Centre, 4th Floor, 17-A, Cooperage Road, Mumbai - 400 001.

Annexure-31



Phone : 22815075, 22892800

E-mail : nia.120400@newindia.co.in

Public Liability Act policy

Issued at MUMBAI

DATE: 09/01/2025

Policy No : 12040036243300000004

Name of the Insured : AARTI INDUSTRIES LTD

Period of Insurance : From: 09/01/2025 00:00:01 AM To: 08/01/2026 11:59:59 PM

Risk Locations :

Sr No	Division	Bus Area Code	Plant Name	Address
1	Chemical	AN01	Amine	Plot No 285,286/1 A-1-322/23, 322/12, 322/24 II Phase,GIDC,Vapi- 396195
2	Chemical	AP01	Apple	PLOT NO. 610 , 609 & C1B/70, REVENUE SURVEY NO 234/P ,100,SHED AREA, GIDC , VAPI, VALSAD 396195
3	Chemical	DH1N	Dahej Diamond	PLOT NO Z/103/C SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130
4	Chemical	DHJ1	Dahej Neo	PLOT NO Z/103/H SEZ-II, DAHEJ, TAL- VAGRA, DIST - BHARUCH 392130
5	Chemical	DHJ2	Dahej Saffron	PLOT NO - Z/111/B, Z/111/C & D, GIDC Notified Industrial Estate, DAHEJ, SEZ-II,TAL VAGRA, DIST. BHARUCH 392130
6	Chemical	FA01	Fertilizer	PLOT NO. 801/15, TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
7	Chemical	JA04	Jhagdia 3M/Ash Land	PLOT NO 778 , 758/1-2-3 & 756/4-5, 779 AJANTA PAPER & GENERAL PROC,GIDC JHAGADIA - DIST BHARUCH 393110 PLOT NO 41-1 & 41-2. JHAGADIA GIDC ESTATE ANKLESHWAR, DIST BHARUCH 393110 Plot No 41/1, 41/2, 41/3/1, 41/3/2 & 41/3/3 ,GIDC Jhagadia - 393110, Dist - Bharuch, Gujarat (India)
8	Chemical	Jhagadia	Jhagadia	
9	Chemical	JHA1(Pearl)	Jhagadia	Plot No. 756 - 8/9, 758/1,2,3 Survey no. 345, 348, 356, 357, 358, 359, 360 & 364
10	Chemical	JHA2 (Ruby)	Jhagadia	Plot No. 756-2A/B, 3A/B, 4A/B, 5A/B,6,7,8,9 &
11	Chemical	JHA3 (Jade)	Jhagadia	Survey No. 122 GIDC Jhagadia, Dadheda, Bharuch 393110
12	Chemical	JHA4 (Gold)	Jhagadia	Plot no. 778, P.B No. 24, GIDC, Jhagadia-393110, Dist- Bharuch, Gujarat
13	Chemical	R&D Jhagadia	R&D Jhagadia	Plot No 41/3/1-2-3, Jhagadia, Dist- Bharuch, Gujarat
14	Chemical	JHA6(Onyx)	Jhagadia	PLOT NO. 756/2 A&B 756/3 A&B 756/4 A&B , GIDC NOTIFIED INDUSTRIAL ESTATE, JHAGADIA 393110
15	Chemical	KU01	Anushakti	SURVEY NO. 1430/1, NATIONAL HIGHWAY NO. 8 KUTCH BHACHAU, GUJARAT 370140
16	Chemical	NS01	Nascent	PLOT NO. 24, PHASE-I, G.I.D.C., DIST VALSAD VAPI 396195

17	Chemical	NU01	Nutrient	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
18	Chemical	RD01	R&D Vapi	PLOT NO. 802,803,804/12-3, 801/15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
19	Chemical	RD03	R&D Mhape	A/94-1 & A/94/1/1, Khairane, MIDC, TTC,India, Navi Mumbai - 400710
20	Chemical	VA01	Acid	Plot No 802, 803, 804/3, Phase III,GIDC,Vapi- 396195 Plot No. 801/15 to 19,21 & 22, Phase-III, GIDC Estate, Vapi -396195, Tal: Pardi, Dist: Valsad
21	Chemical	VA02	Organic	PLOT NO. 801-23, TO 802,803,804/1-2-3, 15 TO 19, 21 AND 22 PHASE-III, G.I.D.C. ,INDUSTRIAL ESTATE,VAPI 396195
22	Chemical	VA03	Alchemie Organic	PLOT NO. 902 923 PHASE-III, G.I.D.C, VAPI, DIST VALSAD, VAPI 396195
23	Chemical	TA02	Tarapur Unit-2	Plot No. L-5,L-4, L-8,L-9/1, MIDC, Tarapur, Boisar, Maharashtra 401506

Sr No.	Bus Area Code	Address	Location	Rented or Owned
1	SL - STORAGE LOCATION	209 C/o Welcome Roadways, Lasudiya Mori, Halka No 17, Dewas Naka, Indore- 452010	Indore	Rented
2	ET01	71 Udyog Kshetra 2nd Floor Mulund Goregaon Link Road, Mulund West, Mumbai 400080	Mumbai	Owned
3	SL - STORAGE LOCATION	Ankit Petro Products Private Limited, L12, MIDC, Tarapur 401506	Tarapur	Rented
4	SL - STORAGE LOCATION	BHIWANDI GODOWN -1 SHED NO. 4, PATWARDHAN COMPOUND, NEAR DAL MILL COMPOUND, PURNA VILLAGE, AGRA ROAD, PURNA THANE	Bhiwandi	Rented
5	SL - STORAGE LOCATION	C/O Nasibdar Group Of companies, Plot No . H-4/2/B, MIDC, Tarapur, Boisar , Maharashtra - 401506	Tarapur	Rented
6	SL - STORAGE LOCATION	D/6 , Mayashree Compound, Survey No. 189/12356, 190/4, 190/5, 194/11, In Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
7	SL - STORAGE LOCATION	GAT NO 706 SANDIP WAREHOUSE, AVHANE SHIVAR, KANALDA ROAD, AVHANE, JALGAON, DIST - JALGAON - 425002	Jalgaon	Rented
8	SL - STORAGE LOCATION	GAT NO 89 & 91 SANGHAVI WAREHOUSE, BAMBRUD PACHORA, DIST- JALGAON -424201	Jalgaon	Rented

9	SL - STORAGE LOCATION	GODOWN NO 1 , 2 , 3 & 4, GAT NO 68/1, VILLAGE BELAD, NH-6 BYE PASS ROAD , TAL- MALKAPUR, DIST - BULDHANA - 443102	Buldhana	Rented
10	SL - STORAGE LOCATION	GODOWN NO 1 PART B SURVEY NO 137, BEHALF OF SANTOSH HYBRID SEEDS CO PVT LTD, BHOKARDAN ROAD, JALNA, DIST - JALNA - 431114	Jalna	Rented
11	SL - STORAGE LOCATION	GODOWN NO 1 TO 4 SURVEY NO 108/A/2 CHAHURANA BUDRUK, NAGAR KALYAN ROAD, NALEGAON , THANGE MALA ,AHMEDNAGAR - 414001	Ahmednagar	Rented
12	SL - STORAGE LOCATION	GODOWN NO 1, GAT NO 203, BEHLAF OF JEEVAN TRADING COMPANY, TUPPA VILLAGE, HYDERABAD HIGHWAY, DIST NANDED - 431603	Nanded	Rented
13	SL - STORAGE LOCATION	GODOWN NO 2 & 3 SURVEY NO 224/2 NEAR RADHASWAMI SATSANG , SHAHADA ROAD, VILLAGE DONDAICHA, TAL SHINDKHEDA, DIST - DHULE - 425408	Dhule	Rented
14	SL - STORAGE LOCATION	GODOWN ON SURVEY NO 163, GRAMPANCHYAT TEMBHURNE, KHAMGAN-AKOLA ROAD, DIST BULDHANA - 444303	Buldhana	Rented
15	VD09	GPC No. 932/1, 932/2 Hubbarwadi, Hubbarwadi Village, Raybag, Belagavi 591317, Karnataka	Belagavi	Rented
16	SL - STORAGE LOCATION	Industrial plot no 271 and 272 chanod tal.vapi dist valsad	Vapi	Owned
17	SL - STORAGE LOCATION	Industrial plot no 271 and 272 II Phase Gidc vapi 396195	Vapi	Rented
18	CS01	Khata no 430 survey no 452 village chival pardi valsad	Vapi	Owned
19	SL - STORAGE LOCATION	NAGESHWAR COMPOUND, GALA B 103 PART A THANE BHIWANDI AGRA ROAD VILLAGE PURNADANDEKARWAD, DISTRICT - THANE	Bhiwandi	Owned
20	HAZ1	Near LNG Terminal, Hazira Bypass Road, Hazira, Surat-394270, Gujarat	Hazira	Rented
21	SL - STORAGE LOCATION	Nepti Factory Godown No 3, Vaibhav Cattle Feed Factory Nepti, Survey No 65/2B/1 , Nepti village, Kadegaon, Kadegaon Tal - Ahmednagar Dist - 414005	Ahmednagar	Rented
22	VD07	PLOT NO - 609, 610,100 SHED AREA, G.I.D.C. ESTATE, VAPI, GUJARAT- 396195	Vapi	Rented

23	SL - STORAGE LOCATION	Plot no : d2/ch/77, Vedant Chlorochem ,Dahej, Tal : Vagra, Dist:Bharuch.	Dahej	Rented
24	TA04	PLOT NO 188 TO 190 2ND PHASE GIDC VAPI 396195	Vapi	Rented
25	SL - STORAGE LOCATION	Plot No 2006, 3 rd Phase, GIDC Vapi 396195	Vapi	Owned
26	SL - STORAGE LOCATION	PLOT NO 271 & 272, SURVEY NO 269, PAIKE, 269/P 270/P, 2ND PHASE GIDC ,CHANOD, VAPI DIST VALSAD - 396195	Vapi	Rented
27	JA05	Plot No 2900/115,2900/116 GIDC Ankleshwar ,Dist.Bharuch -393002 Gujarat	Ankleshwar	Rented
28	JA05	PLOT NO 2900/117 , INDOKEM COMPOUND, GIDC ESTATE,DIST BHARUCH ANKLESHWAR - 393002	Ankleshwar	Rented
29	SL - STORAGE LOCATION	PLOT NO 927 PHASE III GIDC, REVENUE SURVEY NO 43/P CHIRI VAPI DIST - VALSAD - 396195	Vapi	Rented
30	SL - STORAGE LOCATION	PLOT NO. 13, JNPT LIQUID STORAGE AREA,NHAVA SHEVA, URAN NAVI MUMBAI, RAIGAD- 400707.	Uran	Rented
31	OS01	Plot No. 2900/115, 2900/116, 2900/117, Indokem, Compound, GIDC Estate, Ankleshwar, Bharuch, 393002, Gujarat	Ankleshwar	Rented
32	VD08	PLOT NO. 756/2 A&B 756/3 A&B 756/4 A&B GIDC NOTIFIED INDUSTRIAL ESTATE, JHAGADIA 393110	Jhagadia	Rented
33	VD06	PLOT NO.316 D AT 40 SHED AREA GIDC VAPI 396195	Vapi	Rented
34	SL - STORAGE LOCATION	PLOT/SHED NO 1106, GIDC VAPI, VILLAGE CHIRI, TALUKA-VAPI, DIST - VALSAD	Vapi	Rented
35	SL - STORAGE LOCATION	S-42, MIDC, Tarapur, Boisar, Dist Palghar Aftab Silk Mills Pvt Limited	Tarapur	Rented
36	SL - STORAGE LOCATION	Shed No .7/5A, Arun Compound, Survey No. 172, Hissa No.2, 3,4 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
37	SL - STORAGE LOCATION	Shed No. 12A and 12B, Survey No. 178 Hissa No. 1 & 2, Sarvotam Compound, Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
38	SL - STORAGE LOCATION	Shed No.8/6A , Arun Compound, Survey No. 172, Hissa No.2, 3,4 Dal Mill Compound, Village Purna, Bhiwandi, District Thane – 421302	Bhiwandi	Rented

39	SL - STORAGE LOCATION	Shed no-13, Sarvotam Compound, Survey No. 172, Hissa NO. 1 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
40	SL - STORAGE LOCATION	Shed no-16, Sarvotam Compound, Survey No. 172, Hissa NO. 1 Dal Mill Compound, Village Purna , Bhiwandi , Dist: Thane. 421302	Bhiwandi	Rented
41	VD10	SURVEY NO 108/A, NAGAR KALYAN ROAD, NEAR THANGE MALA, Ahmednagar 414001, Maharashtra	Ahmednagar	Rented
42	MW04	SURVEY NO. 137, BHOKARDHAN ROAD, NEAR JALNA BHOKARDHAN ROAD, JALNA, 431114, MAHARASHTRA	Jalna	Rented
43	SL - STORAGE LOCATION	TERMINAL AT PORT PIPAVAV, POST BAG 45, POST UCHHAIYA VIA RAJULA, UCHHAIYA, Amreli, Gujarat, 365560	Pipavav	Owned
44	SL - STORAGE LOCATION	WAREHOUSE AT GAT NO 87, VILLAGE GEVRAI TANDA, DIST - AURANGABAD - 431111	Aurangabad	Rented
45	MW05	GAT NO. 706, SANDIP WAREHOUSE, AVHANE SHIVAR KANALDA ROAD, AVHANE SHIVAR, JALGAON - 425002, MAHARASHTRA	Jalgaon	Rented
46	VD01	Plot No - 28 Phase-II, GIDC, Vapi 396195	Vapi	Owned
47	VD11	GAT NO. 68/1, NH-6, BY PASS ROAD, MALKAPUR, MAHARASHTRA 443102	Malkapur	Rented
48	SL - STORAGE LOCATION	Plot No. 25, GIDC, Phase 1 and 2, Vapi, Dist Valsad, Gujarat 396195	Vapi	Rented
49	SL - STORAGE LOCATION	PLOT NO.321/8, 40 SHED AREA, CHANOD, GIDC VAPI, DIST VALSAD 396 195	Vapi	Rented
50	SL - STORAGE LOCATION	Plot No. 328-329/B, A-1 Building Area, GIDC Estate , Ankleshwar, Bharuch, Gujarat 393002	Ankleshwar	Rented
51	SL - STORAGE LOCATION	Plot No.L-4 & L-5 M.I.D.C,Tarapur,Maharashtra-401506	Tarapur	Owned
52	SL - STORAGE LOCATION	PLOT NO S-42, MIDC TARAPUR, BOISAR, DIST -PALGHAR, MAHARASHTRA 401501	Boisar	Rented
53	SL - STORAGE LOCATION	GODOWN NO 13 & 14 NEAR MARUTI SHOWROOM, HINGOLI ROAD, MARUTI SUZUKI ARENA, ASPA BRANDSONS AUTO PVT LTD, HINGOLI ROAD, WASHIM, MAHARASHTRA 444505	Washim	Rented
54	SL - STORAGE LOCATION	Plot No 1663, GIDC Sarigam, Vai Umbergam, Sarigam, Valsad, Gujarat,	Sarigam	Rented

		396155		
55	SL - STORAGE LOCATION	Survey No 846, Plot No 106, Namdha, Vapi, Valsad, Gujarat 396195	Vapi	Rented
56	SL - STORAGE LOCATION	Plot No 148/A Phase 2, GIDC Vapi Dist Valsad, Gujarat, 396195	Vapi	Rented
57	SL - STORAGE LOCATION	PLOT NO K 14, MIDC TARAPUR, SALWAD, BOISAR, PALGHAR, MAHARASHTRA 401506	Boisar	Rented

Sr No.	Bus Area Code	NEW ADDRESS	Location	Rented or Owned
1	KU02	PLOT NO. 5&6 ,KESAR TERMINAL & INFRASTRUCTURE LTD, OLD KANDLA 370220	Kutch	Rented
2	SL - STORAGE LOCATION	Shreeji terminal, plot no. 7 near jawaharlal nehru railway crossing, kandla 370210	Kutch	Rented
3	KU05	SURVEY NO 26 (OLD SURVEY NO 157), PADANA WAREHOUSE, PADANA, GANDHIDHAM, KUTCH GUJARAT	Kutch	Rented
4	SL - STORAGE LOCATION	SURVEY NO 26, (OLD SURVEY NO - 157), PAIKI -2 PADANA GANDHIDHAM 370240	Gandhidham	Rented
5	SL - STORAGE LOCATION	Survey No. 1430/2, N.H. No 41, Ta. Bhachau, Dist Kutch, Gujarat.	Kutch	Rented
6	KU04	NEAR OIL JETTY, IFFCO PLANT IFFCO ROAD, KUTCH, GUJARAT 370210	Kutch	Rented
7	-	Tank No 103, Plot No 7, Kandla, Kutch, Near Jawaharlal Nehru Railway Crossing, Kandla, Kutch, Gujarat 370210	Kutch	Rented
8	-	Tank No TK 122, Plot No 7, Pandit Jawahar Lal Nehru Marg, Gandhidham, Kandla, Kutch, Gujarat 370210	Kutch	Rented
9	-	NEAR OIL JETTY, CRL TERMINALS PVT LTD, POINT NO 1, NEAR WASTE GATE NI 1, KANDLA, KUTCH, GUJARAT 370210	Kutch	Rented
10	KU06	SURVEY NO 236/1 and 237, Warehouse No K-01, Village Mithi Rohar, Gandhidham, Kutch, Gujarat 370201	Kutch	Rented

S No	Stock At Doc List
1	Jawaharlal Nehru Port Trust Sheva, Navi Mumbai-400702
2	15-23, National highway 4B, Panvel-JNPT highway, Village Padeghar, Panvel, Maharashtra 410206
3	Balmer Lawrie & Co. Ltd., Container Freight Station (CFS), Sector: 7, Plot No: 1, P.B. No: 8, Dronagiri Node Navi Mumbai - 400707
4	MUMBAI AIRPORT ANDHERI:- AIR CARGO COMPLEX SAHARA ANDHERI
5	HAZIRA PORT Hazira LNG and Port Hazira, Dist: Surat Gujarat - India
6	PORT OF PIPAVAV, POST BAG 45, POST UCCHAIYAVIA RAJULA, AMRELI, Gujarat, India, 365560.

Location 1: MUNDRA PORT Post Box No. 1 Mundra (Kutch), Gujarat 370421
Location 2: Deendayal Port, Kandla, Gujarat, Kutch, Pincode: 370210

For & On Behalf of
The New India Assurance Co. Ltd



Duly Constituted Attorney(S)



Pacific School of Engineering

(Approved by AICTE New Delhi & Affiliated to GTU, Ahmedabad)

Ref. No.: PSE/ENGG/CERT/21/58

Date: 18/11/2021

PERFORMANCE EVALUATION OF EXISTING EFFLUENT TREATMENT PLANT AND ELECTRO-STATIC PRECIPITATOR

The Environmental Audit Scheme was introduced by the Gujarat High Court vide its orders dated 20/12/96 & 13/3/97 and modified vide order dated 16/9/99, 22/04/2010 & 23/1/2015. We are recognized by GPCB, Gandhinagar as Schedule- I Environmental Auditor for compliance of the directions of the Hon'ble High Court in this matter have collected and analyzed samples to evaluate performance evolution of existing Electro-static precipitator (ESP) and Effluent Treatment Plant (ETP) installed at:

A. M/s. Aarti Industries Ltd.

Plot No. Z/103/H, Dahej-SEZ-II,

Taluka: Vagra, Dist. Bharuch, Gujarat.

B. BACKGROUND OF ETP AND ESP:

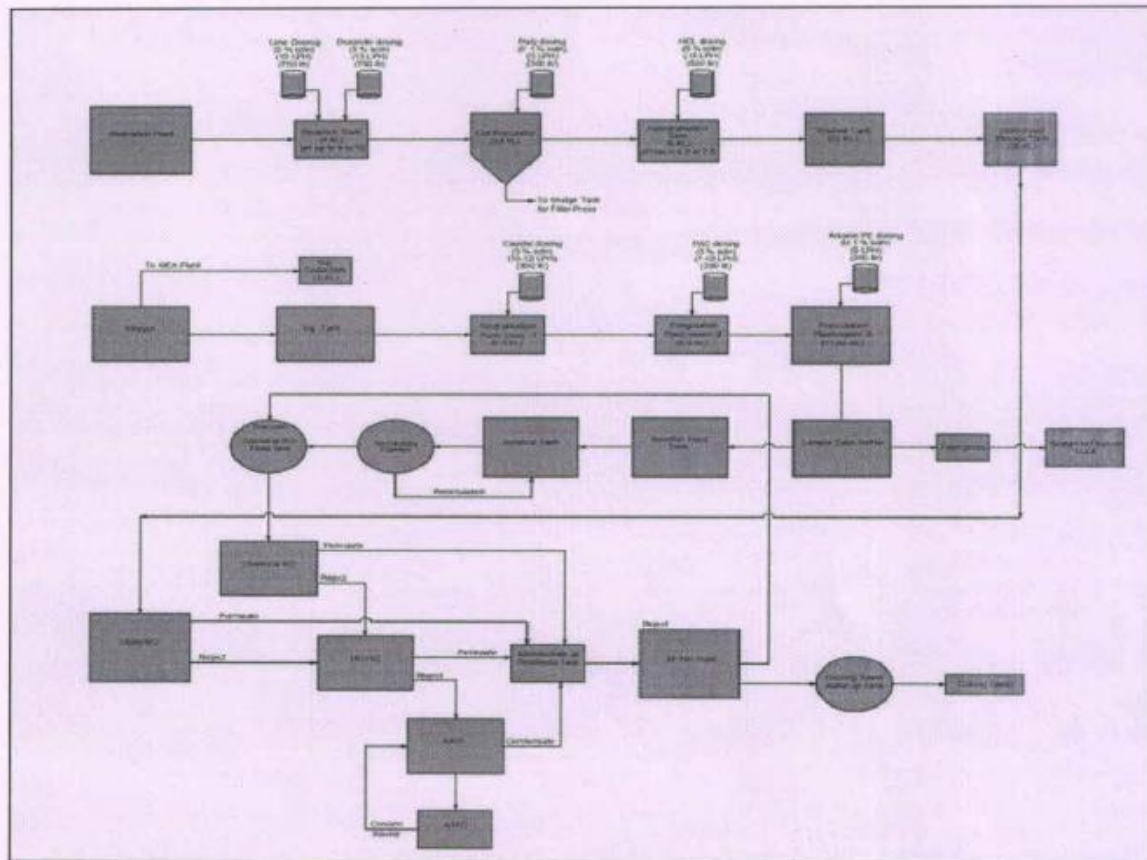
Industry has installed effluent treatment plant (60 m³/day) consisting of component for primary and secondary treatment. In order to provide polishing of effluent, industry has also installed four numbers of reverse osmosis (RO) plant of various capacities (60 KLD, 50 KLD, 150 KLD and 200 KLD) and multi effect evaporation (MEE) plant of capacity 40 KLD. Resulting permeates and MEE condensate being utilized for the purpose utilities such as cooling tower application. Thus, unit follows zero liquid discharge (ZLD).

Apart from this, industry has installed two numbers of electrostatic precipitators of capacity (14 TPH and 67 TPH) to take care of flue gas emission resulting from coal based boiler.



Plot No. 87,91,92,96, Opp. Sarthee Township,
Kadodara Palsana Road (NH-8), V. Sanki, Ta. Palsana, Surat-394305
Phone : +91 9904408835 / 38 | Email : suratpacific@gmail.com
Website : www.pacific-soe.ac.in

C. DETAIL OF EFFLUENT TREATMET SCHEME:



D. PERFORMANCE EVALUATION OF CONVENTIONAL ETP

Parameters	ETP Inlet	Primary Clarifier Outlet	Secondary Clarifier Outlet (Chemical RO Inlet)	% Gross Reduction
pH	7.9	7.4	5.7	-
Temperature	29	29	27	-
Colour	250	200	110	56.00
TDS (mg/L)	8012	8465	8216	-2.55
COD (mg/L)	13115	11961	674	94.86
Ammonical Nitrogen (mg/L)	110	70	27	75.45

Note: Treated effluent from secondary clarifier goes to RO for further treatment.

E. PERFORMANCE EVALUATION OF RO PLANT

Parameters	Secondary clarifier Outlet (Chemical RO Inlet)	Chemical RO Permeate	% Gross Reduction
pH	5.7	6.2	-
Temperature	27	27	-
Colour	110	55	78.00
TDS (mg/L)	8216	4257	46.87
COD (mg/L)	674	124	99.05
Ammonical Nitrogen (mg/L)	27	10.5	90.45

Note: Permeate from RO plant further treated in polishing RO plant and reject goes to MEE after treated in HP RO.

F. PERFORMANCE EVALUATION OF FINAL POLISHING RO PLANT

Parameters	RO Inlet	RO Permeate	RO Reject	% Gross Reduction (Permeate)	% Gross Change (Reject)
pH	6.2	6.1	6.8	-	-
Temperature	28	27	28	-	-
Colour	50	10	105	96.00	47.50
TDS (mg/L)	1421	87	10567	98.91	-24.83
COD (mg/L)	62	21	745	99.84	93.77
Ammonical Nitrogen (mg/L)	27	1.2	8.5	98.91	87.86

Note: Permeate being utilized at cooling tower and reject goes to chemical RO.

G. PERFORMANCE EVALUATION OF MEE

Parameters	MEE Inlet	MEE Condensate	% Gross Reduction
pH	6.2	8.42	-
Temperature	27	27	-
Colour	100	5	98.00
TDS (mg/L)	18741	4072	49.18
COD (mg/L)	1208	3022	76.96
Ammonical Nitrogen (mg/L)	8.3	1.4	98.73

Note: MEE condensate being further treated in final polishing RO and concentrate treated in agitator thin film dryer (ATFD) and finally goes to TSDF site.



H. EVALUATION OF ESP

Parameters	Across ESP - I (14 TPH)		
	ESP Inlet - I (14 TPH)	ESP Outlet - I (14 TPH)	Reduction in Primary (%)
Particulate Matter (PM)	9054	57	99.37
Sulphur Dioxide (as SO ₂)	69	66	4.35
Oxides of Nitrogen (as NO _x)	39	38	2.56

Parameters	Across ESP - II (67 TPH)		
	ESP Inlet - II (67 TPH)	ESP Outlet - II (67 TPH)	Reduction in Primary (%)
Particulate Matter (PM)	9025	53	99.41
Sulphur Dioxide (as SO ₂)	75	72	4.00
Oxides of Nitrogen (as NO _x)	44	42	4.55


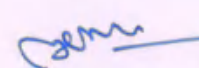
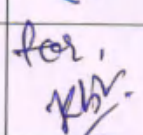
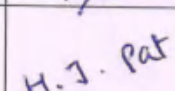
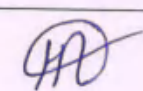
I. SUMMARY OF THE STUDY:

1. Significant reduction in colour, COD and Ammonical Nitrogen showed efficacious performance of primary and secondary treatment of effluent. Then after it goes to RO for further treatment.
2. Notable reduction in TDS, colour, COD and Ammonical Nitrogen in permeate showed efficacious performance of RO plant which is being further treated in polishing RO plant.
3. More than 95% reduction in TDS, colour, COD and Ammonical Nitrogen in permeate obtained from polishing RO plant being utilized at cooling tower.
4. Effective reduction in TDS, colour, COD and Ammonical Nitrogen showed efficacious performance of MEE.
5. More than 99% removal of particulate matter in an exit flue gas emission indicating efficient performance of two ESPs.

CONCLUSION:

Based on monitoring, sampling, analysis and evaluation it is concluded that conventional ETP, RO plants, MEE and ESP performance showed efficacious. This study is based on the monitoring and sampling conducted on 29th October, 2021.

Date: 18th November, 2021

 Dr. Y. C. Rotliwala (Principal)	Dr. Yogesh Rotliwala Ph.D. (Chemical Engg.), Chemical Engineer	
	Dr. Hiral Tailor Ph.D. (Chemistry), Chemist	
	Dr. Himanshu Patel Ph.D. (Chemistry), Chemist	
	Ms. Nidhi Halbe M.E. (Env. Engg.), Environmental Engineer	



AARTI INDUSTRIES LIMITED			
Check Points for Hazardous and Other Wastes vehicle (Truck/Tanker)			
Sr No	Requirements	Remarks	
A	TO BE FILLED BY SECURITY		
1	Vehicle In Date & Time		
2	Vehicle required for	Loading/Unloading	
3	Name of Material/Waste		
4	Type of vehicle	Truck/Dumper/Tanker/Tractor	
5	Is vehicle condition is road worthy	Yes/No	
6	Name of Disposal Facility		
7	Vehicle registration number		
8	Name of Transporter		
9	Name & Contact Number of Driver		
10	Driver's Licence and its validity		
11	Alcohol Test of Driver	OK/NOT OK	
12	Requirement of flagman/signal man (cleaner)		
13	Avoid BIDI, CIGRETE, STOVE LIGHTER, MATCH BOX, MOBILE etc to be		
14	Spark arrester is provided and fitted	Yes/No	
15	PPEs provision (Helmet/ Safety goggles/ Safety shoes) To be provided from	Yes/No	
16	Vehicle PUC validity	OK/NOT OK	
17	Check Insurance of vehicle with validity	OK/NOT OK	
18	MSDS, in case of spent acid	OK/NOT OK	
19	Fire Extinguisher	OK/NOT OK	
20	First Aid Kit	OK/NOT OK	
21	Affixed of Hazchem information/GHS label pasted	Yes/No	
22	Is the Vehicle in given list	Yes/No	
23	GPS AIS-140 installed	Yes/No	
24	Any Leakage/Spillage form the vehicle	Yes/No	
25	Name of Contact person in AIL		
26	Vehicle body colour	Blue/Other	

27	Display of "HAZARDOUS WASTE" on vehicle body	Yes/No	
28	Hand Brake	Yes/No	
	Singature, Date & time of Inspecting person:		
B	TO BE FILLED BY USER DEPT.		
1	Activeness of GPS AIS-140 (To be confirmed by ALC)	Yes/No	
2	Labelling of containers/vehicle as per FORM-8	Yes/No	
3	Vehicle covered with tarpaulin	Yes/No	
4	Any Leakage/Spillage form the vehicle/dripping of liquid	Yes/No	
5	Sealing of valves & manhole cover (in case of tanker)	Yes/No	
	Singature, Date & time of Inspecting person:		
C	TO BE FILLED BY ETP/DISPATCH		
5	Signed & Stamped Manifest Copy - 3,4,5,6,7 (if applicable)	Yes/No	
6	Signed & Stamped TREM Card	Yes/No	
7	Invoice (Only in case of Spent Acid/Used Oil/Fly Ash/Empty Drums/Catalyst)	Yes/No	
8	Gate Pass/Google form/RGP	Yes/No	
9	Email communication to facility/end users	Yes/No	
10	Weighment Slip	Yes/No	
	Singature, Date & time of Inspecting person:		
D	TO BE FILLED BY SECURITY		
1	Vehicle Out Date & Time		
2	Vehicle Out date		
3	Avaialbility of documents mentioned in section C	Yes/No	
4	Any Leakage/Spillage form the vehicle/dripping of liquid	Yes/No	
5	Name of accompainying security gurad for outstate along with doucements	Yes/No	
	Singature, Date & time of Inspecting person:		
E	FINAL APPROVAL		
1	Approved & Signed by: ETP/Environment Manager/Engineer/NDO		
2	Approved & Signed by: Division Head		



Dexo Fine Chem Pvt .Ltd .

Annexure-38

Analysis of Chemicals, Pharma products, Dyes using HPLC, GC, UV-VIS,
Flam photometer M.P., KF, pH, Related volumetric, Enviroment analysis etc.
Manufacturer-Fine & Specialty Chemicals

AN ISO 9001:2015 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS

CERTIFICATE NO/DCL/P/0761/24-25

1. Name of Party/ Manufacturer	AARTI INDUSTRIES LTD- DAHEJ NEO SEZ UNIT
2. Sample Received on	22-08-2024
3. Name of Sample	Coal(Proximate Analysis)
4. Party Reference No.	--
5. Detail of Product	Raw Material / Final Product / In Bulk / Finished Pack
(1) Original Manufacturer Name:- (2) Batch No:- (3) Sample Qty :- 1000 gm	(4)Mfg Date:- (5)Exp Date:- (6)Batch Size:-

Analysis Results :

Sr.No.	TEST PARAMETER	RESULT	
1	Fix Carbon	40.23%w/w	
2	Volatile Matter	38.54%w/w	
3	Inherent Moisture	14.23%w/w	
4	Total Moisture	35.12%w/w	
5	Ash Content	5.37%w/w	
6	GCV (ADB)	4854 K.Cal/kg	

Note: Party asked for above test only.

Analyst Sign :

Date:-22-08-2024



Authorized Sign :

Note :

1. The result listed, refer only to the samples analyzed applicable parameters, Endorsement of product neither inferred nor Implied.
2. Total liability of our institute is limited to the invoice amount.
3. This report cannot be used as an evidence in the court of law nor reproduce completely or part, in any form of media (Including print), without on explicit written permission from DFCPL.
4. Sample drawn and submitted by the party for analysis unless otherwise stated.
5. Analyzed samples are destroyed after completion of test.



Dexo Fine Chem Pvt.Ltd.

Analysis of Chemicals, Pharma products, Dyes using HPLC, GC, UV-VIS,
Flam photometer M.P., KF, pH, Related volumetric, Enviroment analysis etc.

Manufacturer-Fine & Specialty Chemicals

AN ISO 9001:2015 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS

CERTIFICATE NO/DFCPL/0762/22-23

1. Name of Party/ Manufacturer	AARTI INDUSTRIES LTD- DAHEJ NEO SEZ UNIT
2. Sample Received on	22-08-2024
3. Name of Sample	COAL (Ultimate Analysis)
4. Party Reference No.	--
5. Detail of Product	Raw Material / Final Product / In Bulk / Finished Pack
(1) Original Manufacturer Name:- (2) Batch No:- (3) Sample Qty :- 1000 gm	(4)Mfg Date:- (5)Exp Date:- (6)Batch Size:-

Analysis Results :

Sr.No.	TEST PARAMETER	RESULT	
1	CARBON	39.43 %w/w	
2	HYDROGEN	4.37%w/w	
3	OXYGEN	11.12%w/w	
4	SULPHUR	0.45%w/w	
5	NITROGEN	1.23%w/w	

Note: Party asked for above test only.

Analyst Sign :


Date:-22-08-2024




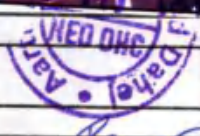
Authorized Sign :

Note :

1. The result listed, refer only to the samples analyzed applicable parameters, Endorsement of products is neither inferred nor
2. Total liability of our institute is limited to the invoice amount.
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4. Sample drawn and submitted by the party for analysis unless otherwise stated.
5. Analyzed samples are destroyed after completion of test.

	Aarti Industries Limited		Documents No.	AIL-DHJ-ZN3-OHC-FF-28
			Issue No.	2
			Revision No.	0

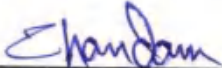
Self Declaration of Medical History			
Name :	Chandan Kumar Manjhi	Age/Sex :	Male 23
Agency Name :	Ambedkar construction	Function :	Mech
Division Name :	Supervisor	Emp. code/ Gate pass No.	4241

Do you have any of the following health problems ?		Yes	No	Remark
If Yes, specify in remark column				
1	High / low blood pressure		No	  06/01/25
2	Diabetes Mellitus (Blood Sugar Problem)		No	
3	Heart related problems - Chest pain, Heart Attack, Congenital conditions valvular heart disease etc.		No	
4	Respiratory related problems - Asthma/Shortness of breath/Chronic cough etc.		No	
5	Nervous system related problems - Convulsion/Fits/Paralysis/Polio etc.		No	
6	Liver/Gall Bladder related problems like jaundice/Hepatitis/Gall stones etc.		No	
7	Digestive system related problems - Peptic ulcer/bloody vomiting or stool/irregular bowel habits etc.		No	
8	Kidney related problems - Renal stones/Blood in urine etc.		No	
9	Blood related problems - Anemia/Low platelet count/Sickle cell anemia/Thalassemia etc.		No	
10	Any endocrine related disorder like thyroid conditions etc.		No	
11	Musculoskeletal disorders - Backache/Limb deformity/disc problem/joints Problem etc.		No	
12	Eye related problems - Refractive errors/colour blindness/squint/cataract etc.		No	
13	Do you wear any contact lenses ?		No	
14	Ear related problems - Ear discharge/hearing loss/tinnitus etc.		No	
15	Skin related problems - Rashes/psoriasis/scars etc.		No	
16	Are you suffering from any communicable diseases ? - Tuberculosis/HIV/ Hepatitis B / Leprosy etc.		No	
17	Mental Health related problem		No	
18	Any Allergy - Drug / Food / Other		No	
19	Vertigo / Giddiness		No	
20	Phobia (Fear of height or closed place/darkness)		No	
21	Ankle swelling / Hernia/Hydrocele/Abdominal swelling etc.		No	
22	Any history of hospitalisation in past ?		No	
23	Any history of past surgeries ?		No	
24	Consumption / Habit - Drug / Alcohol / Tobacco / Smoking ?		No	
25	Any history of long term medications ? OR currently taking any medication ?		No	
26	Any history of occupational injuries/illness in past ?		No	
27	Any past history of cyanosis ? (Bluish discolouration of tongue/lips/nails)		No	
28	Family History of Diabetes/Hypertension/Heart Attack/Mental disorder/ Asthma/cancer		No	
29	For Female	Last Menstrual Period		
		Any gynaecological disorder ?		
30	Any present complaints ?		No	

Additional Remark	
-------------------	--

I hereby declare that, to the best of my knowledge and belief, the particulars given above and the declaration made therein are true
For non-routine work only : I hereby declare that I will not work in chemical process areas in violation of the company policy.

Date : 11/1/25
Place : Neo


 Sign/Left thumb Impression of candidate

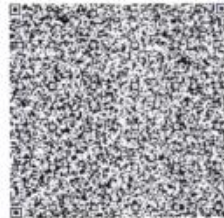


भारत सरकार
Government of India

भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

नार्मांकन क्रम/ Enrolment No.: 0169/31069/33304

To
चन्दन कुमार मांझी
Chandan Kumar Manjhi
S/O: Kaushal Manjhi
vill-patedhi jalal, p.o-israuli
Paterhi Jalal
Saran Bihar - 841419
9798320480
Chandankumarp972@gmail.com



आपका आधार क्रमांक / Your Aadhaar No. :

4573 2718 4669

VID : 9119 6212 3138 5543

मेरा आधार, मेरी पहचान



भारत सरकार
Government of India



चन्दन कुमार मांझी
Chandan Kumar Manjhi
जन्म तिथि/DOB: 08/03/2001
पुरुष/ MALE
+91 9798320480

4573 2718 4669

VID : 9119 6212 3138 5543

मेरा आधार, मेरी पहचान



Government of India



सूचना

- आधार पहचान का प्रमाण है, नागरिकता का नहीं।
- सुरक्षित QR कोड / ऑफलाइन XML / ऑनलाइन ऑथेंटिकेशन से पहचान प्रमाणित करें।
- यह एक इलेक्ट्रॉनिक प्रक्रिया द्वारा बना हुआ पत्र है।

INFORMATION

- Aadhaar is a proof of identity, not of citizenship.
- Verify identity using Secure QR Code/ Offline XML/ Online Authentication.
- This is electronically generated letter.

- आधार देश भर में मान्य है।
- आधार कई सरकारी और गैर सरकारी सेवाओं को पाना आसान बनाता है।
- आधार में मोबाइल नंबर और ईमेल ID अपडेट रखें।
- आधार को अपने स्मार्ट फोन पर रखें, mAadhaar App के साथ।

- Aadhaar is valid throughout the country.
- Aadhaar helps you avail various Government and non-Government services easily.
- Keep your mobile number & email ID updated in Aadhaar.
- Carry Aadhaar in your smart phone – use mAadhaar App.

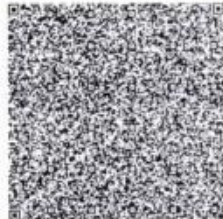


भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India



पता:
आत्मज: कौशल मांझी, ग्राम-पतेदी जलाल, पो-इसरोली,
पतेही जलाल, सारन,
बिहार - 841419

Address:
S/O: Kaushal Manjhi, vill-patedhi jalal, p.o-
israuli, Paterhi Jalal, Saran,
Bihar - 841419



4573 2718 4669

VID : 9119 6212 3138 5543

1947 | help@uidai.gov.in | www.uidai.gov.in



ISO 9001: 2015- Certificate No.: 23EQLV86

**SHREY CLINIC &
OCCUPATIONAL HEALTH CENTER****Dr. NARESH GADHAVI**

M.B.B.S., A.F.I.H., M.B.A.

(HOS MANAGEMENT)

REG. NO. G20296

FAMILY PHYSICIAN & INDUSTRIAL HEALTH CONSULTANT

44, Anamika Complex, IPCL Road, Dahej, Ta. Vagra,
Dist. Bharuch. (Guj.) M.: 9979891252
Email : drnareshhgadhavi@yahoo.com

4, Arzoo Apartment, Opp. Water Tank, Jolwa,
Ta. Vagra Dist. Bharuch. (Guj.)

Emergency 24 Hours : Conatact No.: 7041285076, Rameshbhai M.: 9687188621

MEDICAL CHECKUP

NAME	CHANDANKUMAR MANJHI	AGE	23 YEARS
DATE	30-12-2024	DOB	08-03-2001
COMPANY NAME	AMBEDKAR	FATHER'S NAME	KAUSHAL
COMPANY AT WORK	AARTI INDUSTRIES, DAHEJ	HEIGHT[CM]	161
I D NO[ADHAR CARD]	457327184669	BMI	21.4
DESIGNATION	SUPERVISOR	BG	O+VE
RESIDENT ADDRESSES	BIHAR	SEX	MALE

PRESENT COMPLAINT.**LAB INVESTIGATION****NORMAL VALUE**

COUGH	NO	HB%	14.2	12--18 G/DL
COLD	NO	WBC	11100	4000-11000
THROAT PAIN	NO	DC	N-88 L-10	E-01 M-01
SHORTNESS OF BRITH	NO	PLATELATE	220000	120000-380000

FAMILY HISTORY

HEART DISEASE	NO	RBS	124	70--140 MG/DL
HYPERTENSION	NO	SGPT	40	UPTO 40
DIABITIES	NO	SCRE	0.76	0.7-1.5
ROMBERG TEST FOR IMBALANCE & CO-ORDINATION	NEGATIVE			

PAST HISTORY**URINE EXAMINATION**

HYPERTENSION	NO	SP GRAVITY	1.018	GLUCOSE	AB
DIABITIES	NO	PH	6.5	BILLIRUBIN	AB
HEART DISEASE	NO	APPEARANCE	CLEAR	PROTINE	AB
CONVULSION	NO	PUS CELL	2--3	UROBILINOGE	AB
KIDNEY PROBLEM	NO	RBC[BLOOD]	AB	KETONE	AB
HOSPITALIZATION	NO				
MEDICINE /ALLERGY	NO				

TEST	OBSERVATION	NORMAL RANGE
TEMPERATURE[BODY]	97.5	96.6* F-98.6* F
BP	118/76	100/70--130/88 MMOFHG
PULSE	84	60-90/M
R R	14	12--20/M
SpO2	99	<95%
VISION	RT	LT
FAR VISION [WITHOUT GLASS]	6/6	6/6
NEAR VISION [WITHOUT GLASS]	N/6	N/6
COLOUR VISION	NORMAL	NORMAL

SYSTEMIC EXAMINATION

RESPIREATORY SYSTEM	NORMAL	CARDIOVASCULAR SYSTEM	NORMAL
CENTRA NERVOUS SYSTEM	NORMAL	GESTROINTESTINAL SYSTEM	NORMAL

REMARK: PERSON IS **FIT** FOR WORK AT PRESENT EXAMINATION.

SHREY CLINIC & O.H.C

DR. NARESH GADHAVI

INDUSTRIAL HEALTH CONSULTANT

M.B.B.S., A.F.I.H.

Industrial Health Consultant

Reg.No G-20296

41, Anamika Complex, IPCL Road, Dahe

Romsh Test NAD



ISO 9001: 2015- Certificate No.: 23EQLV86

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Ta. Vagra Dist. Bharuch. (Guj.)

Emergency 24 Hours : Contact No.: 7041285076, Rameshbhai M.: 9687188621

HEMATOLOGY REPORT

SHREY CLINIC & OHC, DAHEJ

Test ID : 0042

Test Date : 30-DEC-24

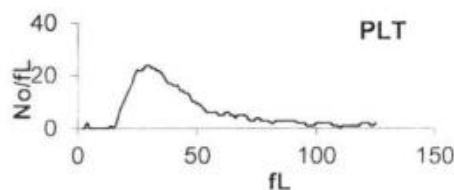
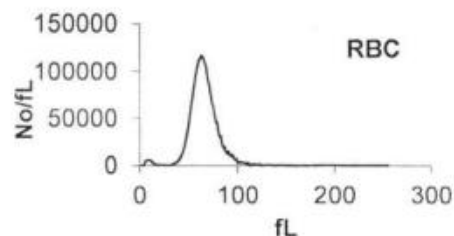
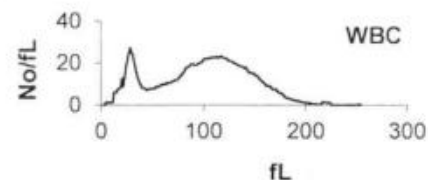
Name : CHANDAN KUMAR MANJHI

Age : 23

Ref. By : DR. NARESH GADHAVI

Sex : Male

Parameter	Result	Normal Range
HGB	14.2 g/dL	(12 - 18)
RBC	4.49 $10^6 / \mu L$	(3.8 - 5.3)
WBC	11.1 [H] $10^3 / \mu L$	(4 - 11)
PLT	220 $10^3 / \mu L$	(120 - 380)
HCT	43.6 [H] %	(34 - 38)
MCV	97.1 fL	(80 - 100)
MCH	31.8 pg	(27 - 32)
MCHC	32.7 g/dL	(32 - 36)
RDW	12.5 %	(11.5 - 14.5)
PCT	0.26 %	(0.08 - 1)
MPV	11.9 [H] fL	(6 - 10)
PDW	17.9 [H] %	(10 - 15)
DIFFERENTIAL COUNT		
	%	$10^3 / \mu L$
GR	88.3 [H] : 9.8H	(40 - 70)
LY	10.4 [L] : 1.1	(20 - 49)
MO	1.1 : 0.1	(0 - 9)



REMARKS

Analysed by Celtac α Fully Automated Hematology Analyser from NIHON KOHSEN, JAPAN

SHREY CLINIC & O.H.C

Dr. Naresh Gadhave

M.B.B.S. A.F.I.H

Industrial Health Consultant

Reg. No. G-20296

41, Anamika Complex, IPCL Road, Dahej



ISO 9001: 2015- Certificate No.: 23EQLV86

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Ta. Vagra Dist. Bharuch. (Guj.)

Emergency 24 Hours : Contact No.: 7041285076, Rameshbhai M.: 9687188621

NAME	CHANDAN KUMAR MANJHI	AGE	23	YEARS
SEX	MALE	DATE	30/12/2024	

LAB REPORT

BLOOD GROUP	O	POSITIVE	
BIO CHEMESTRY			
TEST	RESULT	UNIT	NORMAL
RANDOM BLOOD GLUCOSE	124.9	MG/DL	70-140
S.CREATININE	0.76	MG/DL	0.7-1.5
SGPT	40.3	IU/L	UP TO 40
P.S	ADEQUATE PLATELET		
BIO CHEMESTRY DONE BY MINDRAY BS-240			
URINE EXAMINATION			
PHISICAL EXAMINATION		CHEMICAL EXAMINATION	
QUANTITY	20 ML	ALBUMIN	ABSENT
COLOUR	YELLOW	SUGER	ABSENT
PH	6.5	KETONES	ABSENT
APPEARANCE	CLEAR	BILIRUBINE	ABSENT
PUS CELL	2--3	RBC	ABSENT
PROTEIN	ABSENT	SPECIFIC GRAVITY	1.018
URINE EXAMINATION DONE BY MINDRAY UA-66 URINE ANALYSER			

Ashwin

LAB TECHNOLOGIST

SHREY CLINIC & O.H.C

Dr. Naresh Gadhave

M.B.B.S A.F.I.H

Industrial Health Consultant

Reg. No G-20296

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Ta. Vagra Dist. Bharuch. (Guj.)

Emergency 24 Hours : Contact No.: 7041285076, Rameshbhai M.: 9687188621

NAME	CHANDAN KUMAR MANJHI	AGE	23	YEARS
CONTRACT	AMBEDKAR	MO. NO		
COMPANY	AARTI INDUSTRIES			
SEX	MALE	DATE	30/12/2024	

G6PD	13.6	U/g Hgb	5.5 - 20.5
------	------	---------	------------

Ashwin
LAB TECHNOLOGIST

SHREY CLINIC & O.H.C

Dr. Naresh Gadhave

M.B.B.S A.F.I.H

Industrial Health Consultant

Reg.No G-20296

41, Anamika Complex, IPCL Road, Dahej

[Prescribed under Rule – 68 T and 102]

HEALTH · REGISTER

1. Name :

CHANDANKUMAR MANJHI

2. Serial No. in the Register of adult worker :

3. Contractor / EC No. :

AMBEDKAR

AARTI INDUSTRIES ,DAHEJ

4. Date of Birth :

08-03-2001

5. SEX :

MALE

	1	Department Works
	2	Name of Hazardous Process
	3	Dangerous Process / Operation
SUPERVISOR	4	Nature of Job or Occupation
	5	Raw Materials Products or Byproducts Likely to be exposed to
	6	Date of Posting
	7	Date of Living Transfer to or Transfer
	8	Reason for Discharge / Living Transfer
30-12-2024	9	Date
NO	10	Signs & Symptoms observed during Examination
WNL	11	Nature of Tests & Results thereof
FIT	12	Result Fit / Unfit
	13	Period of Temporary withdrawal from that work
	14	Reason for such withdrawal
	15	Date of Declaring him Unfit for that work
	16	Date of Issuing Fitness Certificate
	17	Signature with Date of the Factory Medical Officer / The Certifying Surgeon

FORM NO: 33

[Prescribed under Rule – 68-T & 102]

Certificate OF Fitness OF Employment in Hazardous Process & Operations
(To be issued by the Factory Medical Officer)


1. Employment Code No :
2. Name of the Person Examined : CHANDANKUMAR MANJHI
3. Father's Name : KAUSHAL
4. Sex : MALE
5. Residence : DAHEJ
6. Date of Birth, if Available : 08-03-2001
7. Name & Address of the Factory : AMBEDKAR | AARTI INDUSTRIES, DAHEJ
8. The Worker is proposed :
a. Hazardous Process :
b. Dangerous Operation :


I certify that I have personally examined the above named person whose identification Marks are MOLE ON LT CHEEK and who is desirous employed in above mentioned process/operation and that his / her, age, as can be ascertained from my examination is 23 years.

In my Opinion he / she is FIT for employment in the said manufacturing process / operation.

In my Opinion he / she is unfit for employment in the said manufacturing process / operation for the reason He / She is referred for further examination to the Certifying Surgeon.

The Serial Number of the Previous Certificate is _____


Signature of the person
Impression of the person examined


DR. ABIDKHAN MALEK
J.B.B.S. PGCIH Reg. No.G-56597
Factory Medical Officer
Aarti Industries Limited, Dahej
Signature of Factory Medical Officer

Stamp of Factory Medical Officer with Name of Factory

Notes :

1. If, declared unfit, reference should be made immediately to the certifying Surgeon.
2. Certifying Surgeon should communicate his findings to the occupier within 30 days of this reference.

Medical Examination Certificate for employment at AIL

(To be issued by General Physician or Industrial Physician Only)

Name :	CHANDAN KUMAR
Age / Sex :	23
Agency Name	

Present Medical Illness :	NAD
Past Medical History :	NAD
Dietary Habits :	VEG/NON VEG/MIX

Addiction History : NAD

Family Medical History : NO F/H/O TB/DM/HT

Occupational History : NOT AVAILABLE/FRESHER

Height :	161	CM	Weight :	56	KG	BMI :	21.4	Kg/m ²
----------	-----	----	----------	----	----	-------	------	-------------------

Temperature :	97.5	F	Pulse Rate :	84	/min
Blood Pressure :	118/76	mm Hg	SpO2 :	99	%

Trismus Test	NAD
--------------	-----

Romberg test	negative
--------------	----------

General Examination	normal
---------------------	--------

Central Nervous System	NAD
Ear/Nose/Throat	NAD
Cardiovascular System	NAD
Respiratory System	NAD
Gastrointestinal System	NAD
Integumentary System	NAD
Musculoskeletal System	NAD

	Right Eye	Left Eye
Far Vision	6/6	6/6
Near Vision	n/6	n/6
Color vision	normal	

The following investigation reports are verified and attached (Kindly tick)							
CBC+P3		Bld group		RBS	mg/dl	LFT	
RFT		G6PD		HBsAg		Ur R&M	
PFT		PTA		ECG		CXR	

I have personally examined Mr/Mrs/Miss. _____ and
have verified his/her reports to be authentic.

Remarks (if any): F-I T

Name of Physician	Dr. NARESH GADHAVI	SHREY CLINIC & O.H.C Dr. Naresh Gadhavi M.B.B.S A.F.I.H Industrial Health Consultant Reg.No G-20296 41, Anamika Complex, IPCL Road, Dahe
Stamp		
Date	30 - 12 - 24	
Place	DAHEJ	

Documents No	AIL-DHJ-ZN3-OHC-FF-30	ISSUE NO	2	REVISION NO.	0
--------------	-----------------------	----------	---	--------------	---



S R Healthcare Services

NEO

59002046

+91 704 371 6666
+91 910 401 6667

✉ : srhealthcarebh@gmail.com

Medical Certificate of Fitness

Date : 24/01/2025

We hereby certify that we have carefully examined Mr. Arbaz Koradiya
Age 27Yrs/ Male and find that he is not suffering from any illness and is Fit to
continue duties in your organization. We also certify that before arriving at this
decision, we have examined all the original medical records of his.



Pre-employment Medical health Check-up

Sign of Consultant:

Stamp of Consultant:

Dr. Devkumar Varma
M.D. (Path.) MBBS, CIH,
Occupational Health Consultant
Reg. No. G-11075

MEDICAL FITNESS CERTIFICATE

(To be filled by Medical Officer Only)

Name : ARBAZ KARODIAAge : 27Sex : MALEPresent Medical Illness : NILPast Medical History : NILDietary Habits : MIXAddiction History : NILFamily Medical History : NILOccupational History : NILHeight : 177 cms Weight : 60.8 Kgs BMI : 25.8 Kg/m²BP : 110/80 mmHg PR : 77 /min T : - F SpO₂ : 98 %General Examination : ROMBERG'S TEST NEGATIVECNS : WELL ORIENTED & CONSCIOUS. CVS : S2B2 HEARD NORMALRS : BIL AIR ENTRY PA : NORMALTrismus Test : THIRD FINGER

Visual Acuity	Left Eye	Right Eye
Near Vision	<u>N16</u>	<u>N16</u>
Far Vision	<u>616</u>	<u>616</u>
Colour Vision	<u>NAD</u>	

The following investigation reports are verified and attached. (Kindly tick)

1. PFT 2. ECG 3. CXR 4. Audiometry 5. CBC + PS 6. Blood Group
7. RBS 8. LFT 9. RFT 10. Urine R&M 11. G6PD 12. HBsAg

I have personally examined Mr/Ms ARBAZ KARODIA and have found his/her reports to be authentic.Date : 24/02/25 Signature of Medical OfficerPlace : BHARUCH **Dr. Devkumar Varma**
M.D. (Path.) MBBS, CIH,
Occupational Health Consultant
Reg. No. G-11075

Medical Examination Certificate for employment at AIL
(To be issued by General Physician or Industrial Physician Only)

Name :	ARISHA KANODIA
Age / Sex :	27 / male

Present Medical Illness :	NIL
Past Medical History :	NIL
Dietary Habits :	MIX
Addiction History :	NIL
Family Medical History :	NIL
Occupational History :	NIL

Height :	177 cm	Weight :	60.8 Kgs	BMI :	25.8 Kg/m ²
----------	--------	----------	----------	-------	------------------------

Temperature :	F	Pulse Rate :	77/min
Blood Pressure :	110/80 mm Hg	SpO ₂ :	98 %

Trismus Test	THIRD FINGER
--------------	--------------

General Examination	NORMAL
Central Nervous System	NORMAL
Ear/Nose/Throat	NORMAL
Cardiovascular System	NORMAL
Respiratory System	NORMAL
Gastrointestinal System	NORMAL
Integumentary System	NORMAL
Musculoskeletal System	NORMAL

	Right Eye	Left Eye
Far Vision	6/6	6/6
Near Vision	N/6	N/6
Colour vision	NAD	

The following investigation reports are verified and attached (Kindly tick)							
CBC+PS	8950	Bld group	A+VE	RBS	97.2	LFT	26/24
RFT	0.9	G6PD	14.8	HBsAg	Not Reactive	Ur R&M	Normal
PFT	Normal	PTA		ECG	WNL	CXR	Normal

I have personally examined Mr/Ms. ArLuz Kurodiya and have verified his/her reports to be authentic.

Remarks (If any) :

Name of Physician	Dr. Devkumar Varma
Stamp	M.D. (Path.) MBBS, CIH, Occupational Health Consultant Reg. No. G-11075
Date	24/02/2025
Place	Bharuch.



आरती इंडस्ट्रीज लिमिटेड

मेडिकल हिस्ट्री की स्व घोषणा

नाम :	Koradiya Arbaz	उम्र और लिंग :	24 / M
एजेंसी का नाम :		फंक्शन :	
डिवीज़न :		एम्प्लोयी कोड / गेट पास नं.:	
क्या आपको निम्नलिखित स्वास्थ्य समस्या है ?		हाँ	नहीं
यदि हाँ, तो विस्तार में बताये			टिप्पणी
1	ब्लड प्रेशर की बीमारी (रक्तचाप)		✓
2	डायबिटीस - शुगर की बीमारी (मधुमेह)		✓
3	हृदय से जुड़ी हुई समस्या - छाती में दर्द / हाई एटेक/जन्मजात हृदय की बीमारी विगेरे		✓
4	श्वसन संबंधी समस्याएं - अस्थमा / सांस की तकलीफ / ज्यादा समय से खांसी विगेरे		✓
5	टिमाग सम्बंधित समस्या (मिर्गी - खींच आना, लकवा होना, पोलियो विगेरे)		✓
6	त्विर / पित्ताशय से संबंधित समस्या जैसे पोलिया / हेपेटाइटिस / पित्त की पथरी विगेरे		✓
7	पाचन तंत्र सम्बंधित समस्या - पेट में जाले / उलटी या संडास में खून आना / विगेरे		✓
8	किडनी संबंधी समस्या - यूरिन में जलन / पथरी का दर्द / यूरिन में खून आना विगेरे		✓
9	रक्त संबंधी समस्याएं - हीमोग्लोबिन की कमी / ट्राक कलिका की कमी / सिकल सेल एनीमिया / थैलेसीमिया विगेरे		✓
10	कान, नाक, खोंग/गोंदर) जैसी कोई अंतः सादी समस्या		✓
11	कमर दर्द / अंग विकृति / रीढ़ की हड्डी / डिस्क की समस्या / जोड़ों की समस्या विगेरे		✓
12	आँखों सम्बंधित समस्या - नज़र की कमजोरी / रंग पहचानने में तकलीफ होना / मोतिया बिन्दु विगेरे		✓
13	क्या आप कॉन्टेक्ट लेंस पहनते हो ?		✓
14	कान के सम्बंधित समस्या - कान में पाक(पस) होना / सही से सुनाई न देना / विगेरे		✓
15	त्वचा सम्बंधित समस्या - ताल चकाते होना / सोरियासिस / घाव - विकृति के निशान विगेरे		✓
16	क्या आप किसी संक्रमित रोग से पीड़ित हो ? - क्षय रोग / एच आई वी / हेपेटाइटिस बी / कुष्ठ रोग विगेरे		✓
17	मानसिक बीमारी		✓
18	किसी दवाई / खाना / या अन्य कोई चीज़ की अलार्जी		✓
19	घबकर आना		✓
20	ऊँचाई से डर लगना / अँधेरे से डर लगना विगेरे		✓
21	पैर में सूजन / हडियाँ / हाड्रोसिल / पेट में पानी भरना विगेरे		✓
22	क्या आप कभी अस्पताल में भर्ती हुए हो ?		✓
23	कभी कोई ओपरेसन / सर्जरी हुआ है ?		✓
24	किसी भी नशीली दवा / शराब / तंबाकू का सेवन / धूमपान		✓
25	क्या आपने लम्बे समय तक कोई दवाइया खाई है ? या वर्तमान में कोई दवा ले रहा है ?		✓
26	क्या आपको कभी कोई व्यवसाय सम्बंधित घोट / बीमारी हुई है ?		✓
27	क्या कभी जीम / होंठ या नाखुनों में नीलापन हुआ है ?		✓
28	क्या आपके परिवार में किसी को रक्तचाप/शुगर की बीमारी / हाई एटेक / मानसिक बीमारी/ दमा / कैंसर है ?		✓
29	महिलाओं के लिए आखरी मासिक की तारीख _____ स्त्री रोग संबंधी समस्या		
30	हाल में कोई समस्या / बीमारी है ?		
अतिरिक्त टिप्पणी			

मैं प्रमाणित करता हूँ की मेरे द्वारा दिया गया उपर्युक्त विवरण मेरी जानकारी और विश्वास के अनुसार सही और पूर्ण है।

केवल नॉन रुटीन काम के लिये : मैं इस बात की घोषणा करता हूँ कि मैं कंपनी नीति के उल्लंघन में रासायनिक प्रक्रिया क्षेत्रों में काम नहीं करेगा।

दिनांक: 24/01/25

स्थान: Bharuch

Arbaz
Signature

व्यक्ति के हस्ताक्षर या भार/अंगूठे का निशान



Aarti Industries Limited

Self Declaration of Medical History

Name:	Koradiya Arbaz	Age/Sex:	27 / M
Agency Name:		Function:	
Division Name:		Emp. code/ Gate pass No:	

Do you have any of the following health problems?

If Yes, specify in remark coloum		Yes	No	Remark
1	High / low blood pressure			
2	Diabetes Mellitus (Blood Sugar Problem)		✓	
3	Heart related problems - Chest pain, Heart Attack, Congenital conditions, valvular heart disease etc.		✓	
4	Respiratory related problems - Asthma/Shortness of breath/Chronic cough etc.		✓	
5	Nervous system related problems - Convulsion/Fits/Paralysis/Polio etc.		✓	
6	Liver/Gall Bladder related problems like jaundice /Hepatitis/Gall stones etc.		✓	
7	Digestive system related problems - Peptic ulcer/bloody vomiting or stool/irregular bowel habits etc.		✓	
8	Kidney related problems - Renal stones/Blood in urine etc		✓	
9	Blood related problems - Anemia/Low platelet count/Sickle cell anemia/Thalassemia etc.		✓	
10	Any endocrine related disorder like thyroid conditions etc		✓	
11	Musculoskeletal disorders - Backache/Limb deformity/disc problem/joints problem etc.		✓	
12	Eye related problems - Refractive errors/colour blindness/squint/cataract etc.		✓	
13	Do you wear any contact lenses?		✓	
14	Ear related problems - Ear discharge/hearing loss/tinnitus etc.		✓	
15	Skin related problems - Rashes/psoriasis/scars etc.		✓	
16	Are you suffering from any communicable diseases? - Tuberculosis/HIV/Hepatitis B /Leprosy etc.		✓	
17	Mental Health related problem		✓	
18	Any Allergy - Drug/Food/Other		✓	
19	Vertigo / Giddiness		✓	
20	Phobia (Fear of hight or closed places/darkness)		✓	
21	Ankle swelling/Hernia / Hydrocele/Abdominal swelling etc		✓	
22	Any history of hospitalisation in past?		✓	
23	Any history of past surgeries?		✓	
24	Consumption/Habit - Drug/Alcohol/Tobbaco/Smoking?		✓	
25	Any history of long term medications? OR currently taking any medication?		✓	
26	Any history of occupational injuries/illness in past?		✓	
27	Any past history of cyanosis? (Bluish discolouration of tongue/lips/nails)		✓	
28	Family History of Diabetes/Hypertension/Heart Attack/Mental disorder/ Asthma/cancer		✓	
29	For Female Last Menstrual Period _____ Any gynaecological disorder?			
30	Any present complaints?		✓	
Additional Remark				

I hereby declare that, to the best of my knowledge and belief, the particulars given above and the declaration made therein are true.
For non-routine work only : I hereby declare that I will not work in chemical process areas in violation of the company policy.

Date: 24/01/2025
Place: Bharuch

Arbaz

Sign/Left thumb Impression of candidate

FORM NO. 33
(Prescribed under Rule 68-T and 102)


Certificate of Fitness of employment in hazardous process and operations

(TO BE ISSUED BY FACTORY MEDICAL OFFICER)

- | | | | |
|----|--|---|-----------------------------|
| 1. | Serial number in the register of adult workers | : | |
| 2. | Name of the person examined | : | Arbaz Koradiya |
| 3. | Father's Name | : | Abdul Koradiya |
| 4. | Sex | : | Male |
| 5. | Residence | : | Bharuch |
| 6. | Date of birth, if available | : | 05/08/1997 |
| | Name & address of the factory | : | Aarti industries Ltd, Dahej |
| | (a) Hazardous process | : | |
| | (b) Dangerous operation | : | |

I certify that I have personally examined the above-named person whose identification marks are Mole on Face and who is desirous of being employed in above mentioned process/operation and that his/her, age, as can be ascertained from my examination, is 27 years.


In my opinion he/she is fit for employment in the Said manufacturing process/operation.


Signature or left-hand thumb
Impression of the person examined:

Signature of the Factory Medical Officer
Dr. Devkumar Varma
M.D. (Path.) MBBS, CIH,
Occupational Health Consultant
Reg. No. G-11075
Stamp of factory
Medical Officer with

Name of the Factory:



TEST REPORT			
 2401034998			
Name	: Arbaz Koradiya	Age	: (27Y)
Ref. By	: C/o Srh	Sex	: Male
Reg.Date	: 24/01/2025 11:01	Reg.No.	: 2401034998
Bill Location	: SRH	Mobile No.	:

HEMOGRAM REPORT

(Specimen: Whole Blood)

Parameter	Result	Unit	Biological Ref. Interval	Method		
Haemoglobin	15.1	gm%	13.0 - 17.0	Non Cyanide Oxy Hemoglobin		
Blood Cell Indices	Result	Unit	Biological Ref. Interval	Method		
RBC Count	4.6	mill./c.mm	4.5 - 5.5	Electrical Impedance		
PCV	46.2	%	40 - 50	Cumulative Pulse Height		
MCV	89.2	fL	83 - 101	Derived From RBC Histogram		
MCH	28.2	pg	27 - 32	Calculated		
MCHC	32.5	%	31.5 - 34.5	Calculated		
RDW	13.5	%	11.6 - 14.0	Derived From RBC Histogram		
Total WBC Count	8950	/c.mm	4000 - 10000	Electrical Impedance		
Differential Count [%]		Unit	Biological Ref. Interval	[Abs.]	Unit	Biological Ref. Interval
(Flowcytometry /MICROSCOPY)						
Polymorphs	55	%	40 - 80	4922	/c.mm	2000 - 7000
Lymphocytes	40	%	20 - 40	3580	/c.mm	1000 - 3000
Monocytes	03	%	2 - 10	268	/c.mm	200 - 1000
Eosinophils	02	%	1 - 6	179	/c.mm	00 - 500
Basophils	00	%	0 - 2	0	/c.mm	00 - 100
Neutrophil to Lymphocyte Ratio (NLR)	1.4	%	0.78 - 3.53	Calculated		
Platelet Count	241000	/c.mm	150000 - 450000	Electrical Impedance		
ESR	05	mm		Modified westergren method		
REFERENCES	(1) Practical Hematology by Dacie & Lewis (12th Edition). (2) Nathan/Oski, Hematology of Infancy and Childhood(7th Edition,2009).					

----- End Of Report -----

Approved by: DR AKSHAY PANCHAL
M.D. PATHOLOGY
REG. NO. G-28690



BLOOD SAMPLE COLLECTION @

HOME CLINIC WORK

AKSHAY PATEL
B.Sc. DMLT
Director & Founder

DR. DEV VARMA
M.D. Pathology
Reg. No. G-2489

DR. NITESH PATEL
M.D. Microbiology
Reg. No. G-24903

AKSHARAM PATHOLOGY & MICROBIOLOGY LABORATORY

H 101/102, First Floor, R K Casta, Behind Super Market, Station Rd, Bharuch, Gujarat 392001



TEST REPORT

Name	: Arbaz Koradiya	Age	: (27Y)
Ref. By	: C/o Srh	Sex	: Male
Reg.Date	: 24/01/2025 11:01	Reg.No.	: 2401034998
Bill Location	: SRH	Mobile No.	:

BLOOD CHEMISTRY

(Specimen: SERUM)

Investigation	Result	Unit	Biological Reference Interval	Method:
Blood Urea	26.2	mg/dL	10 - 50	UREASE-GLDH
Uric Acid	4.5	mg/dL	3.4 - 7.0	Uricase
Serum Bilirubin				
Bilirubin-Total	0.3	mg/dL	0.2 - 1.0	DIAZO
S.G.P.T. (ALT)	26.5	U/L	0 - 40	IFCC
S.G.O.T. (AST)	24.8	U/L	0 - 40	IFCC
Creatinine	0.9	mg/dL	0.4 - 1.5	Enzymatic
Alkaline Phosphatase	76.2	U/L	35 - 105	AMP
Random Plasma Glucose	97.2	mg/dL	70 - 140	GOD POD METHOD
HBsAg Qualitative	Non-Reactive		Non -Reactive	Immunochromatography

----- End Of Report -----

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TEST REPORT

Name	: Arbaz Koradiya	Age	: (27Y)
Ref. By	: C/o Srh	Sex	: Male
Reg.Date	: 24/01/2025 11:01	Reg.No.	: 2401034998
Bill Location	: SRH	Mobile No.	:

IMMUNOASSAY REPORT

(Specimen: Serum)

Investigation	Result	Unit	Biological Reference Interval	Method
G6PD	14.8	U/g Hb	6.4 - 22.0	UV Kinetic

----- End Of Report -----

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TEST REPORT

Name	: Arbaz Koradiya	Age	: (27Y)
Ref. By	: C/o Srh	Sex	: Male
Reg.Date	: 24/01/2025 11:01	Reg.No.	: 2401034998
Bill Location	: SRH	Mobile No.	:

PERIPHERAL SMEAR STUDY

(Specimen: EDTA)

Method : (Microscopic Examination)

Investigation	Result
R.B.Cs.	Normochromic Normocytic.
W.B.Cs.	Appear normal.
Platelets	Adequate & Normal.
Parasites	Not Detected
:	

----- End Of Report -----

Approved by: DR AKSHAY PANCHAL
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TEST REPORT

Name	: Arbaz Koradiya	Age	: (27Y)
Ref. By	: C/o Srh	Sex	: Male
Reg.Date	: 24/01/2025 11:01	Reg.No.	: 2401034998
Bill Location	: SRH	Mobile No.	:

HEMATOLOGY REPORT

(Specimen: EDTA, SERUM, EDTA)

Investigation	Result	Unit	Biological Reference Interval	Method
Patient's Blood Group	A - POSITIVE			

----- End Of Report -----

Approved by: DR AKSHAY PANCHAL
M.D. PATHOLOGY
REG. NO. G-28690



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M.D. Microbiology
Reg. No. G-24903

AKSHARAM PATHOLOGY & MICROBIOLOGY LABORATORY

H 101/102, First Floor, R K Casta, Behind Super Market, Station Rd, Bharuch, Gujarat 392001

ID: 303

ARBAB KORADIYA

Male 27Years

24-01-2025 10:31:48

HR : 70 bpm
P : 91 ms
PR : 142 ms
QRS : 92 ms
QT/QTc : 352/382 ms
P/QRS/T : 44/40/11 °
RV5/SV1 : 1.400/0.423 mV

Diagnosis Information:

Sinus Rhythm
Normal ECG

WNL

Dr. Dev Kumar Varma
M.D. (Path.) MBBS, CIH,
Occupational Health Consultant
Reg. No. G-11075

Report Confirmed by:



MATESHREE ENT. HOSPITAL

AUDIOGRAM



DR. GAURANG JOSHI
D.L.O.M.S. (ENT)
CIH

C-15, Capital Business Centre,
Opp. Central Bank of India,
Panch Batti, Bharuch-392 001.
Phone : (H) 269880

Code No. : _____

Date : 24/02/25

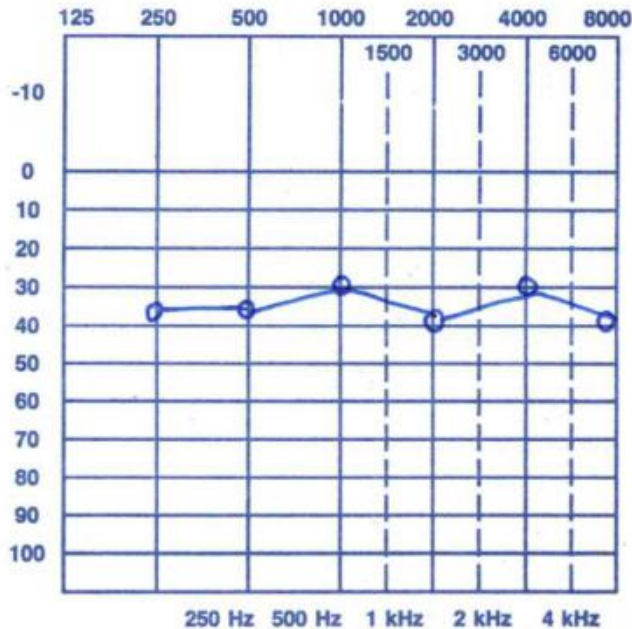
Audiogram of Arbuz Kurodij

Age 27 Yrs. Sex male Ref. by _____

Occupation _____

Address _____

RIGHT



250 Hz 500 Hz 1 kHz 2 kHz 4 kHz

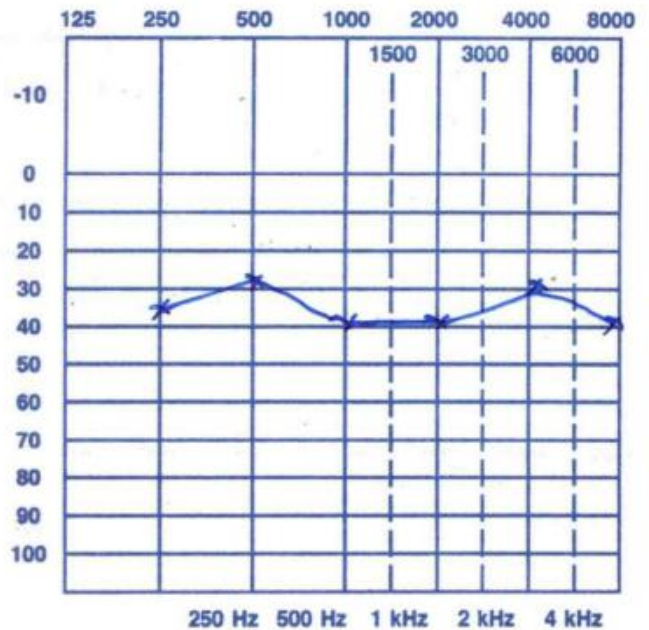
WEBER

Lateralized to

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	A.C.	B.C.	A.C. MASK	B.C. MASK	NOT HEARD
R	O	<	△	I	0 ↓
L	X	>	□	[X ↓

LEFT



250 Hz 500 Hz 1 kHz 2 kHz 4 kHz

Clinical Findings _____

Comments B/L normal.

Dr. Gaurang Joshi,
D.L.O.M.S. (ENT)
CIH
Mateshree ENT Hospital
C-15, Capital Business Centre,
Panch Batti, BHARUCH-392001
Ph: (H) 269880

DR. GAURANG JOSHI
D.L.O.M.S. (ENT) CIH



Medicoid

Medistar Occupational Health care Services
6,7,8 Mahajan Complex Sevashram Road
Pachbatti, Bharuch.

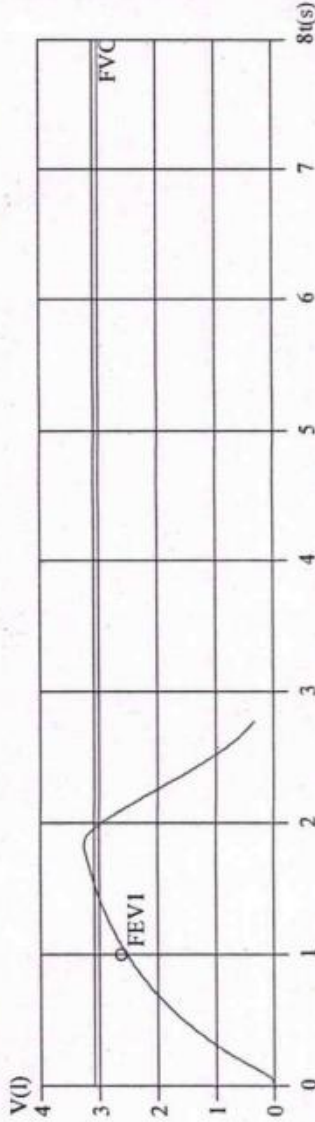
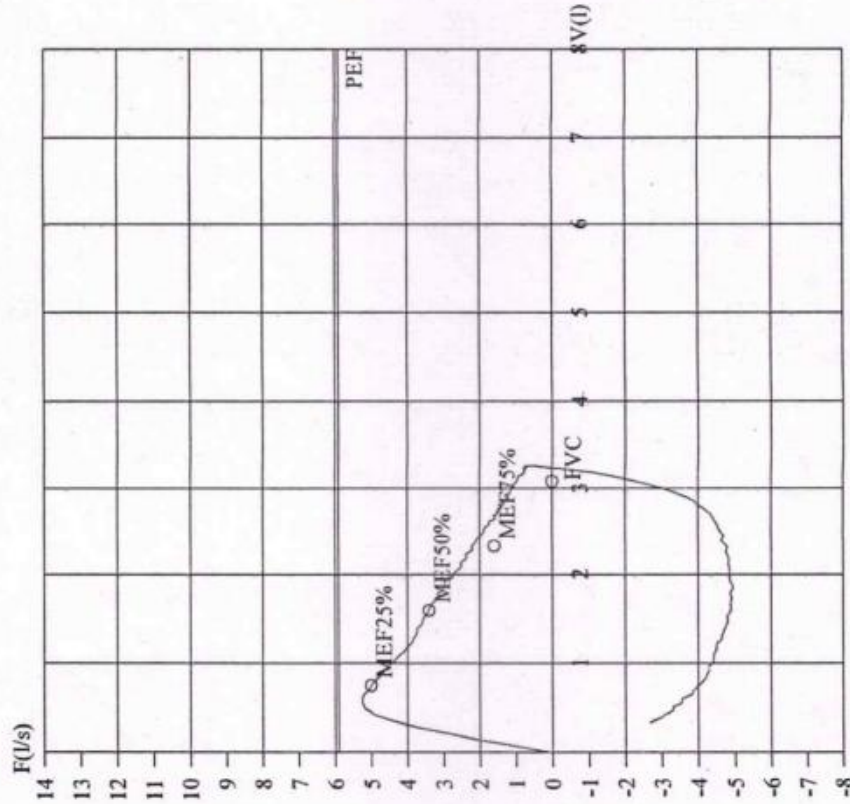
Last Name: ARBAZ KORADIYA
 First Name: ARBAZ KORADIYA
 ID: 2257
 Date: 24-01-2025
 Predicted: ERS 93

Date of Birth: 10-01-1998
 Sex: Male
 Ethnic Corr.: 60%
 Description:
 Comments:

Age: 27
 Weight (Kg): 80
 Height (cm): 177
 BSA (m2): 1.97
 Smoke: ex

— TEST #1 - 24-01-2025

Forced Vital Capacity



Parameter (U)	Pred.	Pre	%Pred.
FVC(L)	3.09	3.45	111.7
FEV0.5(L)	---	1.65	---
FEV1(L)	2.6	2.68	103.1
FEV1/FVC%	82.35	77.68	94.3
PEF(L/s)	5.91	5.26	89
PIF(L/s)	---	4.96	---
FEF25-75%(L/s)	2.98	3.13	105
Vmax25%(L/s)	5.05	4.8	95
Vmax50%(L/s)	3.31	3.34	100.9
Vmax75%(L/s)	1.55	1.95	125.8
FET100%(s)	---	1.83	---
ELA (Years)	79	79	

INTERPRETATION

Pre : Normal Spirometry (%FEV1/FVC>80%Pred%FEV1/FVC and FVC>80%PredFVC)

Dr. Devkumar Varma
 M.D. (Path.) MBBS, CIH,
 Occupational Health Consultant
 Reg. No. G-11075



Madhuram Imaging Center

MRI (1.5 T) | Multi Slice CT Scan | Sonography | X-Ray | Colour Doppler

Dr. Payal D. Shah

M.B.B.S., M.D. (Radiodiagnosis)

Dr. Darshit B. Shah

M.B.B.S., M.D. (Radiodiagnosis)

Ex- Clinical Associate, Lilavati hospital
(Mumbai)

Pt Name:	Arbaz koradiya	Date:	24/01/2025
----------	----------------	-------	------------

Plain Skiagram chest (PA View)

Bilateral lung lobes appear normal.

Both dome of hemi diaphragms appear normal.

Bilateral CP angle appears normal.

Bony thorax appears normal.

Cardiac shadow appears normal.

Conclusion:

- No significant abnormalities are seen.

Dr. Payal D. Shah (MBBS, MD)
Consultant Radiologist


Dr. Darshit B. Shah (MBBS, MD)
Consultant Radiologist

**Please contact immediately for any typographical error.*

**This is only professional opinion, not a final diagnosis. Kindly co-relate clinically. Not valid for medico-legal purpose.*



TEST REPORT

Name	: Arbaz Koradiya	Age	: (27Y)
Ref. By	: C/o Srh	Sex	: Male
Reg.Date	: 24/01/2025 11:01	Reg.No.	: 2401034998
Bill Location	: SRH	Mobile No.	:

IMMUNOASSAY REPORT

(Specimen: Serum)

Investigation	Result	Unit	Biological Reference Interval	Method
G6PD	14.8	U/g Hb	6.4 - 22.0	UV Kinetic

----- End Of Report -----

Approved by: DR AKSHAY PANCHAL
M.D. PATHOLOGY
REG. NO. G-28690



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