

RIL/VCD/HSEF/MoEFCC/162

27.05.2024

To,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office (IRO),
Aranya Bhawan, Near CH-3 Circle, Sector 10A,
Room No 407, Gandhinagar
Gujarat - 382010

Sub.: Half Yearly Environmental Clearance Compliance Report for the period October'2023 to March'2024.

Ref.: (I) EC Order No. J-11011/247/2007-IA - II (I), dated 19.06.2008.
(II) EC Amendment Order No. J-11011/24/2011-IA - II (I), dated 03.02.2015.

Dear Sir,

This has reference to above mentioned EC order, we are submitting herewith half yearly Environmental Clearance compliance report for the period of October'2023 to March'2024.

Kindly request to acknowledge the same.

Thanking you,

For Reliance Industries Limited
(Vadodara Composites Division)

Authorized Signatory

Encl.: As above.

**Half Yearly Compliance Report
2024
01 Jun(01 Oct - 31 Mar)**

Acknowledgment

Proposal Name	Manufacturing of plastic and polymer composite products at Asoj, Waghodiya in district Vadodara in Gujarat by M/s Kemrock Industries & Exports Ltd.- Environmental clearance.		
Name of Entity / Corporate Office	Reliance Industries Ltd.		
Village(s)	N/A		
District	VADODARA		
Proposal No.	J-11011/247/2007-IA (II)	Category	Industrial Projects - 3
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	GUJARAT	Entity's PAN	NA
MoEF File No.	J-11011/247/2007-IA (II)	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year 2024
Remarks (if any)
Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office Reliance Industries Ltd.

	Project Area as per EC Granted	Annual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0	0

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Pultruded Grating	Others:MT/Month	N/A	400	299.31	
2	Moulding Grating	Others:MT/Month	N/A	600	301.67	
3	Phenol Formaldehyde Resin	Others:MT/Month	N/A	300	0	
4	Isophthalic Resin	Others:MT/Month	N/A	1300	326.23	
5	Orthophthalic Resin	Others:MT/Month	N/A	1600	619.12	
6	Carbon Fibre	Others:MT/Month	N/A	100	0	
7	Vinyl Resin	Others:MT/Month	N/A	300	23.49	
8	Epoxy Resin	Others:MT/Month	N/A	1500	0	

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	AIR QUALITY MONITORING AND PRESERVATION	Process emission in the form of CO, CO ₂ , NO _x from the spinning process, incinerator and oxidation oven shall be scrubbed with wet scrubber using water as scrubber media. Particulate emissions from the thermic fluid heaters and IBR boilers shall be controlled by Multi-cyclone separators and emissions shall be discharged through each stack of 30 m height and emission shall confirm to the prescribed standards. Emission from the DG sets shall be controlled by installation of stacks as per the CPCB norms.
<p>PPs Submission: Complied</p> <p>Being complied. During compliance period spinning process, incinerator and oxidation oven were not in operation. Only Thermic Fluid Heater stack & DG (Standby) stacks were in operation. For the operational stack adequate stack height have been provided and regular emission monitoring is being performed. Six monthly Stack Emission Monitoring summary is attached as Annexure- I.</p>		Date: 29/05/2024
2	WATER QUALITY MONITORING AND PRESERVATION	The effluent generation shall not exceed 204 m ³ /day. The process effluent after primary, secondary and tertiary treatment and meeting the prescribed standards shall be disposed in the CETP of M/s. Enviro Infrastructure Co. Ltd., Umaraya. The company shall install two new ETP's. Measures shall be taken recycling of treated effluent for industrial use to the extent possible. The domestic effluent after treatment in the STP shall be used for green belt development.
<p>PPs Submission: Complied</p> <p>Being complied. At this stage on daily average basis only 2.0 KLD effluent generated from Unsaturated polyester Resin Plant & utility. Effluent generated is treated at existing ETP plant. Treated water confirming CETP inlet norms is regularly transfer to CETP of M/s. Enviro Infrastructure Co. Ltd (EICL), Umaraya, Taluka - Padra, Dist. Vadodara for further treatment. Sewage generated is being treated at STP plant & treated sewage water confirming the permissible limit is utilized for green belt development.</p>		Date: 29/05/2024
3	AIR QUALITY	Fugitive emission in the work zone environment, product, raw

	MONITORING AND PRESERVATION	material storage area etc. shall be regularly monitored. The section hood shall be connected to main headers leading through scrubber system shall be provided to control the fugitive emissions. The emissions shall conform to the limit imposed by GPCB.
PPs Submission: Complied Six monthly ambient air quality summary is attached as Annexure I. Scrubber provided at carbon fiber plant was not in operation during compliance period as carbon fiber plant was not in operation during compliance period.		Date: 29/05/2024
4	GREENBELT	The project authorities shall develop greenbelt in 33% of project area as per the guideline of CPCB to mitigate the effect of fugitive emissions.
PPs Submission: Complied After acquisition of assets from Bank, available greenbelt is being refurbished and further greenbelt improvement work is being undertaken by RIL in phased manner. Total available area under greenbelt is around 46 acre.		Date: 29/05/2024
5	MISCELLANEOUS	The company shall undertake measures for solvent recovery and chilled brine secondary condensers shall be provided for control of evaporation of low boiling solvents. Spent solvents shall be recovered as far as possible and recovery shall not be less than 98 percent. All venting equipment shall have vapour recovery system.
PPs Submission: Complied During compliance period Epoxy Resin Plant & Carbon Fiber Plant were not in operation, so there were no generation of spent solvent.		Date: 29/05/2024
6	AIR QUALITY MONITORING AND PRESERVATION	Regular monitoring of HC and VOC shall be carried out at all vents in work zone area and in the ambient air at probable locations in and around the plant.
PPs Submission: Complied Regular Ambient air quality monitoring is being done for various stipulated parameter by GPCB. Six monthly AAQ Monitoring summary is attached as Annexure- I.		Date: 29/05/2024
7	WATER QUALITY MONITORING AND PRESERVATION	Rain water harvesting measures shall be undertaken to control the fresh water consumption and recharge the ground water.
PPs Submission: Complied Roof top rain water harvesting project implemented for roof top area of WMB Plant, roof top water collected is being stored at water storage pond (Capacity -15000 m3), stored water is used for various purpose including firefighting /horticulture purpose.		Date: 29/05/2024
8	Risk Mitigation and Disaster Management	Recommendations made in the EIA/EMP/Risk assessment report and during public hearing shall be complied with.
PPs Submission: Complied Noted.		Date: 29/05/2024
9	MISCELLANEOUS	Adequate financial provision shall be made in the budget of the project for implementation of the above suggested environmental safeguards. Fund so earmarked shall not be diverted for any other purpose.
PPs Submission: Complied Noted.		Date:

		29/05/2024
10	AIR QUALITY MONITORING AND PRESERVATION	During transfer of materials, spillage shall be avoided and garland drain be constructed to avoid mixing of accidental spillage with domestic waste and storm drains.
PPs Submission: Complied Point noted. Dyke wall have been provided for control of accidental spillage at liquid tank farm. Separate storm water drain network is in place across the plant premises.		Date: 29/05/2024
11	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per the Factories Act.
PPs Submission: Complied Occupation Health Centre is available at site for regular occupational health surveillance. Regular medical checkup of employees and workers are being performed and record are maintained.		Date: 29/05/2024
12	MISCELLANEOUS	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
PPs Submission: Complied In order to deal with possible fire emergency, dedicated fire team have been deployed with qualified staff. Three independent layers of fire protection viz., Portable firefighting equipment, mobile firefighting appliances (Fire tenders with crew) and Fixed Fire Protection System are available along with Pre Incident Plans for credible scenarios.		Date: 29/05/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	AIR QUALITY MONITORING AND PRESERVATION	Ambient air quality monitoring stations shall be set up in the downwind direction as well as where maximum ground level concentration are anticipated in consultation with the State Pollution Control Board.
PPs Submission: Complied Being complied. Ambient air quality monitoring stations have been set up in downwind, upwind and cross wind direction, wherein regular ambient air quality monitoring is being performed through NABL accredited laboratory M/s. Kadam Environment Consultant. Six monthly AAQ Monitoring summary is attached as Annexure - I.		Date: 29/05/2024
2	MISCELLANEOUS	The project authorities shall strictly adhere to the stipulations of the SPCB/State Government or any statutory body.
PPs Submission: Complied Noted & being adhered.		Date: 29/05/2024
3	Statutory compliance	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management & Handling) Rules,2003. Authorization from the SPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
PPs Submission: Complied Being complied. Hazardous waste authorisation have been obtained from GPCB. Hazardous waste generated is being disposed at approved TSDF of M/s. Nandesari Environment Control Ltd. & at authorized cement plant for co-processing. Recyclable hazardous waste like used oil, empty		Date: 29/05/2024

		contaminated drums, batteries, e-waste is being sent to authorized recycler.	
4	AIR QUALITY MONITORING AND PRESERVATION	For control of process emission, stacks of appropriate height as per the Central Pollution Control Board guideline shall be provided. The scrubber water shall be sent to ETP for further treatment.	
PPs Submission: Complied For control of process emission adequate stack height have been provided. No scrubber water generation, as scrubber provided at carbon fiber plant was not in operation during compliance period.			Date: 29/05/2024
5	MISCELLANEOUS	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the environmental management and monitoring functions.	
PPs Submission: Complied Environmental Management Cell is in place. NABL accredited laboratory M/s. Kadam Environment Consultant have been engaged for regular Environmental parameter monitoring.			Date: 29/05/2024
6	Noise Monitoring & Prevention	The overall noise level in and around the plant area shall be kept well within the standards 85 dB(A) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under Environment (Protection) Act, 1986, Rules 1989 viz. 75 db(A) (day time) and 70 db(A) (Night time).	
PPs Submission: Complied Being complied. Regular ambient noise monitoring is being done at various locations. Six monthly noise monitoring summary is attached as Annexure - II.			Date: 29/05/2024
7	MISCELLANEOUS	No further expansion of modification in the plant shall be carried out without prior approval of the Ministry of Environment Forests. In case of deviations or alteration in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
PPs Submission: Complied Noted.			Date: 29/05/2024
8	WASTE MANAGEMENT	The company shall undertake following Waste Minimization measures: Metering of quantum of active ingredients to minimize waste. Reuse of by-product from process from the process as raw material or as raw material substitution in other process. Maximize recoveries Use of automated material transfer systems to minimize spillage Use of "closed Feed" system in to batch reactors	
PPs Submission: Complied For waste minimization following measures are undertaken : Recyclable material like plastic, paper, metal being separated and stored separately, which is being sent to recycler for recycling. Hazardous waste (i.e. Resin contaminated waste) generated is being disposed through resource recovery initiative (i.e. co-processing at cement plant). Recyclable hazardous waste like used oil, empty contaminated drums, batteries, e-waste is being sent to authorized recycler.			Date: 29/05/2024
9	Statutory compliance	The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional office/SPCB/CPCB. A six monthly compliance status report shall be submitted to monitoring agencies.	

PPs Submission: Complied Noted & complied. Last six monthly compliance report submitted on 01.12.2023 to Ministry's Integrated Regional Office (IRO).		Date: 29/05/2024
10	Statutory compliance	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at website of the Ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local news papers that are widely circulated in the region of which one shall be in vernacular language of the locality concerned and copy of the same shall be forwarded to the Ministry's Regional office.
PPs Submission: Complied Noted & complied.		Date: 29/05/2024
11	Statutory compliance	The project authority shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules,1989 as amended. Authorization from the SPCB shall be obtained for collection, treatment, storage and disposal of hazardous wastes.
PPs Submission: Complied Point noted & being complied. Hazardous waste authorisation have been obtained from GPCB.		Date: 29/05/2024
12	MISCELLANEOUS	The project authorities 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 and the date of start of the project.
PPs Submission: Complied Noted. Existing assets of M/s. Kemrock Industries & Export Ltd. have been acquired by RIL through E- auction from consortium of 11 banks lead by Allahabad Bank in the year 2017.		Date: 29/05/2024
13	MISCELLANEOUS	The Ministry reserve the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.
PPs Submission: Complied Noted.		Date: 29/05/2024
14	MISCELLANEOUS	The ministry may revoke or suspend the clearance , if implementation of any of the above conditions is not satisfactory.
PPs Submission: Complied Noted.		Date: 29/05/2024
15	Statutory compliance	The above conditions shall be enforced, inter-alia under the provisions of the Water(Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act 1981, The Environment (Protection) Act 1986, Hazardous Wastes (Management & Handling) Rules,2003 and the Public Liability Insurance Act 1991 along with their amendments and rules.
PPs Submission: Complied Noted.		Date:

29/05/2024

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MISCELLANEOUS

Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority. If preferred within a period of 30 days as prescribed under section 11 of the National Environment Appellate Authority Act, 1997.

PPs Submission: Complied
Noted.

Date:
29/05/2024

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:

Annexure I-III are uploaded as Additional Attachment.

**Half Yearly Compliance Report
2024
01 Jun(01 Oct - 31 Mar)**

Acknowledgment

Proposal Name	Modification in manufacturing process for carbon fibre and addition of products related to Epoxy Resins, hardener & Prepreg Plant at plot no. 112, 114,116/P/1. 116.P/2, 117,118,128,192/1,194/2, 195, 196, 197/1, 199, 201, 202, 203, 206 and 205/2, Village Asoj, Tehsil Vaghodiya, District Vadodara, Gujarat by M/s Kemrock Industries & Exports Ltd.-Amendment in Environment Clearance reg.		
Name of Entity / Corporate Office	Reliance Industries Ltd.		
Village(s)	Asoj		
District	VADODARA		
Proposal No.	F. No. J-11011/24/2011-IA II (I)	Category	Industrial Projects - 3
Plot / Survey / Khasra No.		Sub-District	Vaghodia
State	GUJARAT	Entity's PAN	NA
MoEF File No.	F. No. J-11011/24/2011-IA II (I)	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year 2024
Remarks (if any)
Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office Reliance Industries Ltd.

	Project Area as per EC Granted	Annual Project Area in Possession
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0	0

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Phenol Formaldehyde Resin	Others:MT/Month	N/A	300	0	
2	Isophthalic Resin	Others:MT/Month	N/A	1300	326.23	
3	Orthophthalic Resin	Others:MT/Month	N/A	1600	619.12	
4	Vinyl Resin	Others:MT/Month	N/A	300	23.50	
5	Epoxy Resin	Others:MT/Month	N/A	1500	0	
6	Carbon Fibre (Including 3 nos. Intermediate product like PAN,SAF, PAN Fibre)	Others:MT/Month	N/A	100	0	
7	Pultruded Grating	Others:MT/Month	N/A	400	299.31	
8	Moulding Grating	Others:MT/Month	N/A	600	301.67	

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	In future in case of change in the scope of the project, the company shall obtain fresh environmental clearance.
PPs Submission: Complied Noted.		Date: 29/05/2024
2	MISCELLANEOUS	Copy of the Policy under PLI Act,1991 shall be submitted to MoEF regional office, Bhopal within 1 month from date of issue of letter.
PPs Submission: Complied Copy of PLI Policy of Reliance Industries Ltd. is attached as Annexure - III.		Date: 29/05/2024
3	MISCELLANEOUS	Uploading of EC and compliance report along with analytical report shall be uploaded on the company's website.
PPs Submission: Complied Noted and being complied.		Date: 29/05/2024
4	AIR QUALITY MONITORING AND PRESERVATION	Adequate stack height shall be provided to Gas/LDO fired thermic fluid heater and boilers (1x8TPH + 2x8 TPH).
PPs Submission: Complied Noted & complied. Adequate stack height provided for Thermic Fluid Heater & Boiler.		Date:

			29/05/2024
5	AIR QUALITY MONITORING AND PRESERVATION	Monitoring report of vent attached to solvent recovery plant, incinerator, HC & VOC, noise levels, AAQ and common stack attached to the Thermic Fluid Heater shall be submitted regularly.	
PPs Submission: Complied During compliance period solvent recovery plant & Incinerator were not in operation as Epoxy Plant & Carbon Fiber were not in operation. Regular Ambient air quality monitoring is being done for various stipulated parameter by GPCB. Thermic fluid heater stack being monitored regularly. Monthly Ambient air quality & stack emission monitoring report are being regularly submitted to GPCB. Six monthly AAQ & Stack Emission Monitoring summary is attached as Annexure – I.			Date: 29/05/2024
6	MISCELLANEOUS	All other conditions including validity stipulated in the environmental clearance letter no. J-11011/247/2007-IA-II(I) dated 19.06.2008 shall remain the same.	
PPs Submission: Complied Noted.			Date: 29/05/2024
7	MISCELLANEOUS	Additional Incinerator (2 Nos.) shall be installed at carbon fibre plant as per CPCB guidelines.	
PPs Submission: Complied Noted.			Date: 29/05/2024
8	MISCELLANEOUS	You are requested to keep this letter with the Environmental Clearance accorded vide letter No. J-11011/247/2007-IA II(I) dated 19.06.2008	
PPs Submission: Complied Noted.			Date: 29/05/2024
9	MISCELLANEOUS	As proposed, bag filter shall be provided to belt conveyor in polymer plant.	
PPs Submission: Complied Noted & complied. Bag filter provided at conveyor in polymer plant. During compliance period, Polymer Plant was not in operation.			Date: 29/05/2024
10	WATER QUALITY MONITORING AND PRESERVATION	Total fresh water requirement from Sardar Sarovar Narmada Canal/ground water source shall not exceed 1535.5 m ³ /day.	
PPs Submission: Complied Noted and being complied. Presently water requirement is full filled from ground water, which is well below permissible limit 1535.5 m ³ /day.			Date: 29/05/2024
11	WATER QUALITY MONITORING AND PRESERVATION	Industrial effluent generation shall not exceed 321.6 m ³ /day. As proposed, industrial effluent shall be treated in the ETP and treated water shall be recycled/reused within the factory premises. No effluent shall be discharged outside the factory premises.	
PPs Submission: Complied Noted, Industrial effluent generation is well below 321.6 m ³ /day. Major effluent generating plant is not in operation, at this stage on daily average basis only 2.0 KLD effluent generated from			Date: 29/05/2024

Unsaturated polyester Resin Plant & utility. Effluent generated is treated at existing ETP plant & disposed as per granted CTO by GPCB.		
12	WASTE MANAGEMENT	ETP sludge and evaporation salt shall be sent to TSDF. Recovered solvent shall be sent to common incineration facility.
PPs Submission: Complied Presently only ETP sludge generated from ETP plant, which is being disposed through TSDF of M/s. Nandesari Environment Control Ltd. No generation of recovered solvent and MEE salt as Solvent Recovery Plants & MEE plant were not in operation during compliance period.		Date: 29/05/2024
13	MISCELLANEOUS	This issues with the prior approval of the competent authority.
PPs Submission: Complied Noted.		Date: 29/05/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		Annexure I-III are uploaded as Additional Attachment.

ANNEXURE - I

AMBIENT AIR QUALITY MONITORING SUMMARY

Month	Parameter	Permissible Limit (µg/m ³)	AAQ Stations			
			Near R&D Center	Near Central Store	Near 66KVA Sub Station	Near Carbon Fiber plant
Oct-23	PM10	100	57.0	58.3	59.4	59.5
	PM2.5	60	29.6	27.9	28.8	28.0
	SO ₂	80	7.8	8.0	7.9	8.2
	NO ₂	80	10.2	10.4	10.9	10.7
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Nov-23	PM10	100	61.3	64.9	62.3	66.8
	PM2.5	60	28.3	31.0	32.4	30.5
	SO ₂	80	8.3	8.2	8.3	8.6
	NO ₂	80	10.6	11.0	11.5	11.3
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Dec-23	PM10	100	59.0	61.0	62.4	63.9
	PM2.5	60	27.9	29.8	28.3	30.6
	SO ₂	80	8.3	8.5	8.1	8.6
	NO ₂	80	11.1	11.5	11.3	11.6
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Jan-24	PM10	100	60.3	61.1	56.5	62.1
	PM2.5	60	26.6	30.3	25.5	30.4
	SO ₂	80	7.7	8.2	8.3	8.3
	NO ₂	80	10.6	11.2	10.5	11.5
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Feb-24	PM10	100	62.1	56.5	61.0	61.0
	PM2.5	60	25.6	26.1	27.3	28.0
	SO ₂	80	9.4	8.6	8.6	8.9
	NO ₂	80	14.2	13.5	13.7	14.2
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Mar-24	PM10	100	60.5	62.4	60.9	66.6
	PM2.5	60	26.6	33.0	31.5	34.3
	SO ₂	80	7.6	7.9	8.2	8.4
	NO ₂	80	10.7	11.1	11.3	11.8
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND

NA = Not applicable, ND = Not Detected

ANNEXURE - I

STACK EMISSION MONITORING SUMMARY

Month	Parameter	Permissible Limit	STACK ATTACHED TO								TFH - I	TFH - II
			EC1 (DG4 500KVA)	EC1 (DG3 500KVA) (Standby)	EC1 (DG1 500KVA) (Standby)	EC1 (DG5 1010 KVA) (Standby)	EC1 (DG2, 500 KVA) (Standby)	WMB (DG 1 1250KVA) (Standby)	WMB (DG 2 1250KVA) (Standby)			
Oct-23	PM	150 mg/Nm ³	Not in regular operation				27.0	Not in regular operation		13.0	18.0	
	SO ₂	100 ppm	Not in regular operation				40.0	Not in regular operation		8.5	6.5	
	NO _x	50 ppm	Not in regular operation				7.1	Not in regular operation		6.7	4.2	
Nov-23	PM	150 mg/Nm ³	Not in regular operation					33.0	Not in regular operation	39.0	57.0	
	SO ₂	100 ppm	Not in regular operation					15.3		11.2	10.9	
	NO _x	50 ppm	Not in regular operation					8.0		6.5	5.5	
Dec-23	PM	150 mg/Nm ³	Not in regular operation						50.0	36.0	53.0	
	SO ₂	100 ppm	Not in regular operation						16.0	12.4	11.1	
	NO _x	50 ppm	Not in regular operation						8.3	7.7	6.2	
Jan-24	PM	150 mg/Nm ³	Not in regular operation		52.0	Not in regular operation				50.0	37.0	
	SO ₂	100 ppm	Not in regular operation		11.6	Not in regular operation				12.5	10.1	
	NO _x	50 ppm	Not in regular operation		8.9	Not in regular operation				7.0	5.9	
Feb-24	PM	150 mg/Nm ³		50.0	Not in regular operation				43.0	40.0		
	SO ₂	100 ppm		11.9	Not in regular operation				10.3	9.8		
	NO _x	50 ppm		8.1	Not in regular operation				7.4	7.1		
Mar-24	PM	150 mg/Nm ³	Not in regular operation		57.0	Not in regular operation				28.0	25.0	
	SO ₂	100 ppm	Not in regular operation		15.9	Not in regular operation				10.8	11.7	
	NO _x	50 ppm	Not in regular operation		8.0	Not in regular operation				7.8	5.5	

ANNEXURE - I

AMBIENT AIR QUALITY MONITORING SUMMARY

Month	Parameter	Permissible Limit (µg/m ³)	AAQ Stations			
			Near R&D Center	Near Central Store	Near 66KVA Sub Station	Near Carbon Fiber plant
Oct-23	PM10	100	57.0	58.3	59.4	59.5
	PM2.5	60	29.6	27.9	28.8	28.0
	SO ₂	80	7.8	8.0	7.9	8.2
	NO ₂	80	10.2	10.4	10.9	10.7
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Nov-23	PM10	100	61.3	64.9	62.3	66.8
	PM2.5	60	28.3	31.0	32.4	30.5
	SO ₂	80	8.3	8.2	8.3	8.6
	NO ₂	80	10.6	11.0	11.5	11.3
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Dec-23	PM10	100	59.0	61.0	62.4	63.9
	PM2.5	60	27.9	29.8	28.3	30.6
	SO ₂	80	8.3	8.5	8.1	8.6
	NO ₂	80	11.1	11.5	11.3	11.6
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Jan-24	PM10	100	60.3	61.1	56.5	62.1
	PM2.5	60	26.6	30.3	25.5	30.4
	SO ₂	80	7.7	8.2	8.3	8.3
	NO ₂	80	10.6	11.2	10.5	11.5
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Feb-24	PM10	100	62.1	56.5	61.0	61.0
	PM2.5	60	25.6	26.1	27.3	28.0
	SO ₂	80	9.4	8.6	8.6	8.9
	NO ₂	80	14.2	13.5	13.7	14.2
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND
Mar-24	PM10	100	60.5	62.4	60.9	66.6
	PM2.5	60	26.6	33.0	31.5	34.3
	SO ₂	80	7.6	7.9	8.2	8.4
	NO ₂	80	10.7	11.1	11.3	11.8
	Benzene	NA	ND	ND	ND	ND
	Styrene	NA	ND	ND	ND	ND

NA = Not applicable , ND = Not Detected

ANNEXURE - I

STACK EMISSION MONITORING SUMMARY

Month	Parameter	Permissible Limit	STACK ATTACHED TO								TFH - I	TFH - II
			EC1 (DG4 500KVA)	EC1 (DG3 500KVA) (Standby)	EC1 (DG1 500KVA) (Standby)	EC1 (DG5 1010 KVA) (Standby)	EC1 (DG2, 500 KVA) (Standby)	WMB (DG 1 1250KVA) (Standby)	WMB (DG 2 1250KVA) (Standby)			
Oct-23	PM	150 mg/Nm ³	Not in regular operation				27.0	Not in regular operation		13.0	18.0	
	SO ₂	100 ppm	Not in regular operation				40.0	Not in regular operation		8.5	6.5	
	NO _x	50 ppm	Not in regular operation				7.1	Not in regular operation		6.7	4.2	
Nov-23	PM	150 mg/Nm ³	Not in regular operation					33.0	Not in regular operation	39.0	57.0	
	SO ₂	100 ppm	Not in regular operation					15.3		11.2	10.9	
	NO _x	50 ppm	Not in regular operation					8.0		6.5	5.5	
Dec-23	PM	150 mg/Nm ³	Not in regular operation						50.0	36.0	53.0	
	SO ₂	100 ppm	Not in regular operation						16.0	12.4	11.1	
	NO _x	50 ppm	Not in regular operation						8.3	7.7	6.2	
Jan-24	PM	150 mg/Nm ³	Not in regular operation		52.0	Not in regular operation				50.0	37.0	
	SO ₂	100 ppm	Not in regular operation		11.6	Not in regular operation				12.5	10.1	
	NO _x	50 ppm	Not in regular operation		8.9	Not in regular operation				7.0	5.9	
Feb-24	PM	150 mg/Nm ³		50.0	Not in regular operation				43.0	40.0		
	SO ₂	100 ppm		11.9	Not in regular operation				10.3	9.8		
	NO _x	50 ppm		8.1	Not in regular operation				7.4	7.1		
Mar-24	PM	150 mg/Nm ³	Not in regular operation			57.0	Not in regular operation				28.0	25.0
	SO ₂	100 ppm	Not in regular operation			15.9	Not in regular operation				10.8	11.7
	NO _x	50 ppm	Not in regular operation			8.0	Not in regular operation				7.8	5.5

ANNEXURE - II

NOISE MONITORING SUMMARY

Month	Parameter	Permissible Limit	Noise Monitoring Location			
			Near R&D Center	Near Central Store	Near 66KVA Sub Station	Near Carbon Fiber plant
Oct-23	Noise(Day)	75 dB(A)	54.6	54.4	58	51.8
	Noise(Night)	70 dB(A)	46.9	51.4	45.3	48.7
Nov-23	Noise(Day)	75 dB(A)	52.4	58.9	58.4	56.6
	Noise(Night)	70 dB(A)	44.7	46.6	46.9	45.9
Dec-23	Noise(Day)	75 dB(A)	57.5	58.6	57.8	53.1
	Noise(Night)	70 dB(A)	46.4	46.4	45.7	46.1
Jan-24	Noise(Day)	75 dB(A)	59.4	60.3	57.2	56.5
	Noise(Night)	70 dB(A)	45	48.8	46.7	50.8
Feb-24	Noise(Day)	75 dB(A)	56	57.4	59	51.9
	Noise(Night)	70 dB(A)	46	47.1	45.7	44.6
Mar-24	Noise(Day)	75 dB(A)	57.8	59	60.2	53.4
	Noise(Night)	70 dB(A)	45.8	47.8	46.5	47



ICICI Lombard General Insurance Company Ltd.
 ICICI LOMBARD HOUSE , 414, Veer Savarkar Marg,
 Near Siddhi Vinayak Temple, Prabhadevi, Mumbai - 400 025.
 Attached & forming part of
 Policy no. 4007/154722754/05/000
 UIN: IRDAN115CP0014V01201920

Policy No: - 4007/154722754/05/000

PREAMBLE

ICICI Lombard General Insurance Company Limited (“the Company”), having received a Proposal and the premium from the proposer named in the Schedule referred to herein below, and the said Proposal and Declaration together with any statement, report or other document leading to the issue of this Policy and referred to therein having been accepted and agreed to by the Company and the Proposer as the basis of this contract do, by this Policy agree, in consideration of and subject to the due receipt of the subsequent premiums, as set out in the Schedule with all its Parts, and further, subject to the terms and conditions contained in this Policy, as set out in the Schedule with all its Parts that on proof to the satisfaction of the Company of the compensation having become payable as set out in Part I of the Schedule to the title of the said person or persons claiming payment or upon the happening of an event upon which one or more benefits become payable under this Policy, the Sum Insured/ appropriate benefit will be paid by the Company.

PART I OF SCHEDULE			
1	Name of the insured	Reliance Industries Limited	
2	Mailing Address of the insured	Reliance Corporate Park, Thane Belapur Road, Ghansoli, Navi Mumbai, Maharashtra.	
3	Trade or Business of the insured	Oil&GasExploration/Telecom/Merchandise/ Petrochemicals/Retail/Textile/Refinery/Aviation Fueling	
4	Address of Premises insured	All premises owned / occupied by Insured in India	
5	Paid Up Capital	INR 6,766 Crores	
6	Policy period	01 July, 2023	30 June, 2024
		Time: 00:00 hrs	23.59 hrs
7	Turnover	INR 5,65,350 Crores	
8	Limit of Indemnity		
	Aggregate One Year (AOY)	INR 150,000,000	
	Any One Accident (AOA)	INR 50,000,000	
9	Compulsory Excess	Nil	



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10	Net Premium	INR 27,221
	GST 18 %	INR 4,900
	ERF Amount	INR 27,221
	Stamp Duty	INR 1
	Total Premium	INR 59,343
11	Co-insurance details	Not applicable
12	Special conditions	1. COMMUNICABLE DISEASE EXCLUSION ENDORSEMENT
13	Intermediary Details	Name - RELIANCE RETAIL INSURANCE BROKING LTD Code – 201376505467
14	Territorial Scope And Jurisdiction	India
<p>The stamp duty of Rs. 0.50/- (Fifty Paise Only) paid in cash or by demand draft or by pay order, vide Receipt/Challan No.CSD6142023662 dated 04th JULY 2023..</p> <p>Signed for and on behalf of ICICI Lombard General Insurance Company Limited, at Mumbai on this date JULY 17, 2023.</p> <p style="text-align: right;"><i>Gaurav Arora</i></p> <p style="text-align: right;">Authorised Signatory</p> <p>GSTIN Reg. No : 27AAACI7904G1ZN</p> <p>IL GIC GSTIN Address: Ground, First and Second Floor, ICICI Lombard House, 414 Veer Savarkar Marg, Prabhadevi, Mumbai 400025 Maharashtra</p> <p>Description of services: General Insurance Business</p> <p>HSN/SAC : 9971</p> <p>Policy shall stand cancelled ab initio in the event of non-realization of the premium.“</p> <p>“Note- In case of renewal of the policy, policy benefit and terms & conditions of policy including premium may be subject to change.”</p>		

ANNEXURE - II

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	Noise(Night)	70 dB(A)	44.7	46.6	46.9	45.9
Dec-23	Noise(Day)	75 dB(A)	57.5	58.6	57.8	53.1
	Noise(Night)	70 dB(A)	46.4	46.4	45.7	46.1
Jan-24	Noise(Day)	75 dB(A)	59.4	60.3	57.2	56.5
	Noise(Night)	70 dB(A)	45	48.8	46.7	50.8
Feb-24	Noise(Day)	75 dB(A)	56	57.4	59	51.9
	Noise(Night)	70 dB(A)	46	47.1	45.7	44.6
Mar-24	Noise(Day)	75 dB(A)	57.8	59	60.2	53.4
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 UIN: IRDAN115CP0014V01201920

Policy No: - 4007/154722754/05/000

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		Time: 00:00 hrs	23.59 hrs
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9	Compulsory Excess	Nil	



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	ERF Amount	INR 27,221
	Stamp Duty	INR 1
	Total Premium	INR 59,343
11	Co-insurance details	Not applicable
12	Special conditions	1. COMMUNICABLE DISEASE EXCLUSION ENDORSEMENT
13	Intermediary Details	Name - RELIANCE RETAIL INSURANCE BROKING LTD Code – 201376505467
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