

F. No. J-11011/136/2015-IA-II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

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Dated: 22nd March, 2021

To

Shri. Kamal Brahmhatt,
Associate Vice President,
M/s. Welspun Metallics Limited
Village: Versamedi, Tehsil: Anjar,
District: Kutch, Gujarat - 370110
Email: seralathan_k@welspun.com

Subject: Change in Plant Configuration and Product Mix of Proposed 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by **M/s. Welspun Metallics Limited** located at Village: Versamedi, Tehsil: Anjar, District: Kutch, Gujarat – **Amendment in Environment Clearance** – regarding.

Sir,

1. M/s. Welspun Metallics Limited (WML) has made an online application vide proposal no. IA/GJ/IND/190966/2021 dated 06/01/2021 along with copy of EIA/EMP report and Form-2 seeking Environment Clearance (EC) under the provisions of the para 7(ii) of EIA Notification, 2006 for the project mentioned above. In addition to this, project proponent also submitted another proposal bearing number IA/GJ/IND/190956/2021 dated 06/01/2021 for part transfer of the 0.5 MTPA DI pipe unit envisaged under the para 7(ii) EC in the name of M/s. Welspun DI Pipes Limited.
2. It may be noted that EC under para 7(ii) for the project cited above was accorded by MoEF&CC on 26/02/2021. The product slate envisaged under the EC dated 26/02/2021 is furnished as below:

S. No.	Name	Existing Units		Proposed Units		Total (Existing + Proposed)	
		Configuration	Production MTPA	Configuration	Production MTPA	Configuration	Production on MTPA
1	Coke Ovens	2X58 Ovens	1.37	-	-	2X58 Ovens	1.37
2	Sinter Plant	1X496 m ²	5.28	-	-	1X496 m ²	5.28
3	Blast Furnace (Along with Pig Casting Machine of matching Capacity)	1X4300 m ³	3.34	-	-	1X4300 m ³	3.34

Part transfer of Environment Clearance titled "Change in Plant Configuration and Product Mix of Proposed 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metallics Limited located at Village: Versamedi, Tehsil: Anjar, District: Kutch, Gujarat"

S. No.	Name	Existing Units		Proposed Units		Total (Existing + Proposed)	
		Configuration	Production MTPA	Configuration	Production MTPA	Configuration	Production MTPA
4	SMS	BOF - 2 X 165 T LF - 2 X 165 T VD - 1 X 165 T	3.1	(Unpropose) BOF - 1 X 165 T LF - 1 X 165 T	(-) 1.55	BOF - 1 X 165 T LF - 1 X 165 T VD - 1 X 165 T	1.55
5	Continuous Slab Casting	1 x 1 strand	1.6	-	-	1 x 1 strand	1.6
6	Continuous Billet Casting	1 x 6 strand	1.4	(Unpropose) 1 x 6 strand	(-) 1.4	-	0
7	Rebar & Wire Rod Mill	1 Unit	1.37	1 Unit	(-) 1.37	-	0
8	Captive Power Plant	Gas based	200 MW	Gas based	200 MW	Gas based	200 MW
9	Lime & Dolo Plant	2 x 600 TPD	0.34	(Unpropose) 1 x 600 TPD	(-) 0.17	1 x 600 TPD	0.17
10	Cement Grinding Plant	1 Unit	1.5	1 Unit	1.5	1 Unit	1.5
11	DI Pipe Plant (Including Induction Furnaces, Converter, Centrifugal Casting Machine, Annealing Furnace, Finishing Line.)	-	-	2 Units	0.5 (2x0.25)	2 Units	0.5
12	Foundry Shop for Metal Fitting and other casting using Heating and Melting Furnace (Induction Furnace) and Sand Moulding Facility.	-	-	1 Unit	0.1	1 Unit	0.1

3. The proposal for part transfer of 0.5 MTPA DI pipe unit in the name of M/s. Welspun DI Pipes Limited was considered during 28th meeting of the Re-Constituted Expert Appraisal Committee (Industry-I) held on 18-19th January, 2021 wherein the Committee formed sub-committee. The sub-committee has submitted their report after examination of the following:
- "NOC" from M/s Welspun Metallics Limited
 - "Undertaking" from M/s Welspun DI Pipes Limited (WDIPL)

Part transfer of Environment Clearance titled "Change in Plant Configuration and Product Mix of Proposed 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metallics Limited located at Village: Versamedi, Tehsil: Anjar, District: Kutch, Gujarat"

- iii. Revised Plant Layout with area and green belt detail by WML and WDIPL
iv. EC condition compliance Responsibility Matrix between WML and WDIPL

Sl.	Item	Total Capacity as per EC recommended under para 7(ii)	Facilities/ Utilities after amendment in EC and subsequent partial transfer of DI Pipe Plant from EC of Parent Company (WML) to New Company (WDIL)	
			Parent Company (WML)	New Company (WDIPL)
A	Title of the Project	Installation of 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metallics Limited located at Village Versamedi, Tehsil Anjar, District Kutch, Gujarat	Installation of 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metallics Limited located at Village Versamedi, Tehsil Anjar, District Kutch, Gujarat	Transfer of 0.5 MTPA DI Pipe Plant from EC for Installation of 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s Welspun Steel Ltd., located at Village Versamedi, Tehsil Anjar, District Kutch, Gujarat to WDIPL
B	Location	Village Versamedi, Tehsil Anjar, District Kutch, Gujarat Latitude- 23° 6'23"N to 23° 7'53"N Longitude-70° 4'3"E to 70° 5'56"E	Village Versamedi, Tehsil Anjar, District Kutch, Gujarat Latitude- 23° 6'23"N to 23° 7'53"N Longitude-70° 4'3"E to 70° 5'56"E	Village Versamedi, Tehsil Anjar, District Kutch, Gujarat Latitude- 23° 6'56"N to 23° 7'14.9"N Longitude- 70° 5'22.6"E to 70° 5'34"E
C	Units/Facilities			
1.	Coke Ovens & By-products Recovery Plant (COBP)	2 X 58 No. Ovens -1.37 MTPA Gross Coke	2 X 58 No. Ovens -1.37 MTPA Gross Coke	-
2.	Sinter Plant	1 x 496 sq m - 5.28 MTPA	1 x 496 sq m - 5.28 MTPA	-
3.	Blast Furnace	1 x 4300 m ³ - 3.34 MTPA Hot Metal	1 x 4300 m ³ - 3.34 MTPA Hot Metal	-
4.	Steel Melt Shop	BOF - 1 X 165 T LF - 1 X 165 T VD - 1 X 165 T 1.55 MTPA	BOF - 1 x 165 T LF - 1 x 165 T VD - 1 x 165 T 1.55 MTPA	-
5.	Continuous Casting -Slab Casting	Slab caster – 1×1 strand 1.6 MTPA	Slab caster – 1×1 strand 1.6 MTPA	-
6.	DI Pipe Plant (Including Induction Furnaces, Convertor, Centrifugal Casting Machine, Annealing Furnace, Finishing Line.)	2×0.25 MTPA-0.5 MTPA	-	2 X 0.25 MTPA- 0.5 MTPA
7.	Foundry shop for Metallic Fittings and casting using Heating & Melting Furnace (Induction Furnace and	0.1 MTPA	0.1 MTPA	-

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Sl.	Item	Total Capacity as per EC recommended under para 7(ii)	Facilities/ Utilities after amendment in EC and subsequent partial transfer of DI Pipe Plant from EC of Parent Company (WML) to New Company (WDIL)	
			Parent Company (WML)	New Company (WDIPL)
	Sand Moulding Facility)			
8.	Lime/dolo Calcining Plant 1 x 600 TPD	1x600 TPD 0.17 MTPA	1x600 TPD 0.17 MTPA	-
9.	Power Plant Gas based	2 X 100 MW (Gas based) 165 MW BF-TRT, CDQ & Sinter Cooler 35 MW	2 X 100 MW (Gas based) 165 MW BF-TRT, CDQ & Sinter Cooler 35 MW	-
10.	Cement Grinding unit	1.5 MTPA	1.5 MTPA	-
D	Process Description	<ul style="list-style-type: none"> • Production of coke in Coke Ovens • Production of Sinter in Sinter plant • Production of Steel through BF-BOF route, with Blast Furnace having hot metal production capacity of 3.34 MTPA followed by 1.6 MTPA slab casting. • Power generation through waste heat recovery. • Cement Grinding unit based on BF Slag • Production of DI Pipes using Blast furnace Hot metal from WML followed by desulphurization (if required) and scrap charging • Superheating of molten metal in induction furnace, • Magnesium treatment in convertor; • Centrifugally casting of pipes using molten metal in CCMs; • Heat treatment in annealing furnace to give ductility to the casted pipes; • Cement lining, zinc and bitumen coatings & stampings 	<ul style="list-style-type: none"> • Production of coke in Coke Ovens • Production of Sinter in Sinter plant • Production of Steel through BF-BOF route, with Blast Furnace having hot metal production capacity of 3.34 MTPA followed by 1.6 MTPA slab casting. • Power generation through waste heat recovery. • Cement Grinding unit based on BF Slag 	<ul style="list-style-type: none"> • Production of DI Pipes using Blast furnace Hot metal from WML followed by desulphurization (if required) and scrap charging • Superheating of molten metal in induction furnace, • Magnesium treatment in convertor; • Centrifugally casting of pipes using molten metal in CCMs; • Heat treatment in annealing furnace to give ductility to the casted pipes; • Cement lining, zinc and bitumen coatings & stampings
E	Land Requirement	231.58 ha (77.2 ha-33.3% Greenbelt)	207.08 ha (68.33 ha-33% Greenbelt)	24.5 ha (8.97 ha-36.6% Greenbelt)
F	Raw Material	<ul style="list-style-type: none"> • Iron Ore (Fines) – 4.08 MTPA • Iron ore (Lump) – 1.91 MTPA • Coking Coal – 2.01 MTPA • Non Coking Coal – 0.09 MTPA • PCI Coal – 0.64 MTPA 	<ul style="list-style-type: none"> • Iron Ore (Fines) – 4.08 MTPA • Iron ore (Lump) – 1.88 MTPA • Coking Coal – 2.01 MTPA • Non Coking Coal – 0.09 MTPA • PCI Coal – 0.64 MTPA 	<ul style="list-style-type: none"> • Hot Metal – 0.4 MTPA from WML • Zinc Wire – 2600 TPA • Fe-Si – 16,800 TPA • Mg – 6600 TPA • Steel Scrap – 0.08 MTPA

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Sl.	Item	Total Capacity as per EC recommended under para 7(ii)	Facilities/ Utilities after amendment in EC and subsequent partial transfer of DI Pipe Plant from EC of Parent Company (WML) to New Company (WDIL)	
			Parent Company (WML)	New Company (WDIPL)
		<ul style="list-style-type: none"> Limestone – 1.22 MTPA Dolomite – 0.51 MTPA Steel Scrap – 0.08 MTPA Zinc Wire – 2600 TPA Fe-Si – 16,800 TPA Mg – 6600 TPA Calcined Lime – 600 TPA 	<ul style="list-style-type: none"> Limestone – 0.92 MTPA Calcined Lime – 600 TPA Dolomite – 0.41 MTPA 	
H	Water Requirement	42120 m ³ /day (1755 m ³ /hr)	37224 m ³ /day	4896 m ³ /day
I	Power Requirement	211 MW	195 MW	~ 16 MW
J	Fuel Requirement	<ul style="list-style-type: none"> Coke Oven gas (COG) – 48127 Nm³/hr BF Gas (BFG) – 587155 Nm³/hr BOF Gas (BOFG) – 28310 Nm³/hr Propane – 20 TPD Fuel Oil – 600 TPD 	<ul style="list-style-type: none"> Coke Oven gas (COG) – 48127 Nm³/hr BF Gas (BFG) – 542064 Nm³/hr BOF Gas (BOFG) – 14155 Nm³/hr Propane – 20 TPD 	<ul style="list-style-type: none"> BF Gas – 45091 Nm³/hr
K	Pollutants	<ul style="list-style-type: none"> PM-273.1 Kg/hr SO₂-551.8 Kg/hr NO_x – 869.3 Kg/hr 	<ul style="list-style-type: none"> PM – 258.9 Kg/hr SO₂ – 547 Kg/hr NO_x – 862 Kg/hr 	<ul style="list-style-type: none"> PM – 14.2 Kg/hr SO₂ – 4.8 Kg/hr NO_x – 7.3 Kg/hr
L	Pollution Mitigation Measures			
1	Air Pollution Control	<ul style="list-style-type: none"> Dry fogging and bag filter based DE system in material handling Charging and pushing Emission control in coke ovens Electrostatic Precipitator (ESP) based process gas cleaning in Sinter plant and CPP ESP based DE systems in BF Cast house, stock house and SMS Bag Filter based DE systems Low NO_x oxy-fuel burners in Annealing furnaces 	<ul style="list-style-type: none"> Dry fogging and bag filter based DE system in material handling Charging and pushing Emission control in coke ovens Electrostatic Precipitator (ESP) based process gas cleaning in Sinter plant and CPP ESP based DE systems in BF Cast house, stock house and SMS 	<ul style="list-style-type: none"> Bag Filter based DE systems Low NO_x oxy-fuel burners in Annealing furnaces
2	Noise Pollution Control	<ul style="list-style-type: none"> Plugging leakages in high-pressure gas/air pipelines. Reducing vibration of high speed rotating machines by regular monitoring of vibration and taking necessary steps. Design of absorber system for the shift office and pulpit operator's cabin. Noise absorber systems in pump houses. Noise level at 1m from equipment will be limited to 	<ul style="list-style-type: none"> Plugging leakages in high-pressure gas/air pipelines. Reducing vibration of high speed rotating machines by regular monitoring of vibration and taking necessary steps. Design of absorber system for the shift office and pulpit operator's cabin. Noise absorber systems in pump houses. Noise level at 1m from 	<ul style="list-style-type: none"> Plugging leakages in high-pressure gas/air pipelines. Reducing vibration of high speed rotating machines by regular monitoring of vibration and taking necessary steps. Design of absorber system for the shift office and pulpit operator's cabin. Noise absorber systems in pump houses. Noise level at 1m from

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Sl.	Item	Total Capacity as per EC recommended under para 7(ii)	Facilities/ Utilities after amendment in EC and subsequent partial transfer of DI Pipe Plant from EC of Parent Company (WML) to New Company (WDIL)	
			Parent Company (WML)	New Company (WDIPL)
		85 dB (A). <ul style="list-style-type: none"> The fans and ductwork will be designed for minimum vibration. All the equipment in different units will be designed/operated in such a way that the noise level shall not exceed 85 dB (A). Periodical monitoring of work zone noise and outside plant premises. Un-manned high noise zone will be marked as "High Noise Zone". In shops where measures are not feasible, attempts shall be made to provide operators with sound-proof enclosure to operate the system. Workers exposed to noise level will be provided with protection devices like earmuffs and will be advised to use them regularly, while at work. Workers exposed to noisy work place shall be provided with rotational duties. All workers will be regularly checked medically for any noise related health problem and if detected, they will be provided with alternative duty. 	equipment will be limited to 85 dB (A). <ul style="list-style-type: none"> The fans and ductwork will be designed for minimum vibration. All the equipment in different units will be designed/operated in such a way that the noise level shall not exceed 85 dB (A). Periodical monitoring of work zone noise and outside plant premises. Un-manned high noise zone will be marked as "High Noise Zone". In shops where measures are not feasible, attempts shall be made to provide operators with sound-proof enclosure to operate the system. Workers exposed to noise level will be provided with protection devices like earmuffs and will be advised to use them regularly, while at work. Workers exposed to noisy work place shall be provided with rotational duties. All workers will be regularly checked medically for any noise related health problem and if detected, they will be provided with alternative duty. 	equipment will be limited to 85 dB (A). <ul style="list-style-type: none"> The fans and ductwork will be designed for minimum vibration. All the equipment in different units will be designed/operated in such a way that the noise level shall not exceed 85 dB (A). Periodical monitoring of work zone noise and outside plant premises. Un-manned high noise zone will be marked as "High Noise Zone". In shops where measures are not feasible, attempts shall be made to provide operators with sound-proof enclosure to operate the system. Workers exposed to noise level will be provided with protection devices like earmuffs and will be advised to use them regularly, while at work. Workers exposed to noisy work place shall be provided with rotational duties. All workers will be regularly checked medically for any noise related health problem and if detected, they will be provided with alternative duty.
3	Effluents Generation And Management	<ul style="list-style-type: none"> Zero Liquid Discharge outside plant boundary Effluent generated from coke ovens would be separately treated in Biological Oxidation and Dephenolization (BOD) treatment unit for removal of phenolic compounds and cyanide Cooling tower blow downs and treated effluent from BOD plant of coke ovens would be taken to the CETP for further treatment and 	<ul style="list-style-type: none"> Zero Liquid Discharge outside plant boundary Effluent generated from coke ovens would be separately treated in Biological Oxidation and Dephenolization (BOD) treatment unit for removal of phenolic compounds and cyanide Cooling tower blow downs and treated effluent from BOD plant of coke ovens would be taken to the CETP for further 	<ul style="list-style-type: none"> Zero Liquid Discharge outside plant boundary Treatment of plant sanitary waste water including canteen effluent in a sewage treatment plant for separation of floating oil and reduction of BOD level. ETP shall be provided for DI plant exclusively with the provision of safe handling of hazardous waste generated in DI Plant.

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Sl.	Item	Total Capacity as per EC recommended under para 7(ii)	Facilities/ Utilities after amendment in EC and subsequent partial transfer of DI Pipe Plant from EC of Parent Company (WML) to New Company (WDIL)	
			Parent Company (WML)	New Company (WDIPL)
		reuse as make-up water. • Treatment of plant sanitary waste water including canteen effluent in a sewage treatment plant for separation of floating oil and reduction of BOD level. • ETP shall be provided for DI plant exclusively with the provision of safe handling of hazardous waste generated in DI Plant.	treatment and reuse as make-up water. • Treatment of plant sanitary waste water including canteen effluent in a sewage treatment plant for separation of floating oil and reduction of BOD level.	
4	Solid and Hazardous Wastes	• All non-hazardous solid wastes shall be utilized in-house in Sinter Plant/BOF. • BF/BOF Slag shall be utilized in house or sold to cement manufacturers or used for road construction. • Coal tar sludge and BOD sludge would be recycled for coke making by mixing with the coal charge. • All other hazardous wastes shall be disposed in secured landfill/ handed over to authorized dealers for disposal as per statutory norms • 100 % use / recycle of solid waste generated in DI plant shall be ensured.	• All non-hazardous solid wastes shall be utilized in-house in Sinter Plant/BOF. • BF/BOF Slag shall be utilized in house or sold to cement manufacturers or used for road construction. • Coal tar sludge and BOD sludge would be recycled for coke making by mixing with the coal charge. • All other hazardous wastes shall be disposed in secured landfill/ handed over to authorized dealers for disposal as per statutory norms	• All non-hazardous solid wastes including Mg dust and Bag filter dust shall be utilized in Sinter Plant of WML. • All other hazardous wastes shall be disposed in secured landfill/ handed over to authorized dealers for disposal as per statutory norms • 100 % use / recycle of solid waste generated in DI plant shall be ensured.

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Sl. No.	Environment Clearance Condition	M/s Welspun Metallics Limited	M/s Welspun DI Pipes Limited
A. Specific conditions as per the EC recommended under para 7(ii)			
i.	CEMS shall be provided on all process stacks and the signal shall be received in plant control room for central control of APCDs installed in the plant.	CEMS shall be provided on all process stacks and the signal shall be received in plant control room for central control of APCDs installed in the plant.	CEMS shall be provided on all process stacks and the signal shall be received in plant control room for central control of APCDs installed in the plant.
ii.	Ventilation system for odour control in bitumen coating area shall be included.	Not Applicable	Ventilation system for odour control in bitumen coating area shall be included.
iii.	Zn dust monitoring in AAQ in DI plant shall. Be carried out.	Not Applicable	Zn dust monitoring in AAQ in DI plant shall. Be carried out.
iv.	ETP shall be provided for DI plant exclusively with the provision of safe handling of hazardous waste generated in DI Plant.	Not Applicable	ETP shall be provided for DI plant exclusively with the provision of safe handling of hazardous waste generated in DI Plant.
v.	PM level from the stacks shall be less than	PM level from the stacks shall	PM level from the stacks

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Sl. No.	Environment Clearance Condition	M/s Welspun Metallics Limited	M/s Welspun DI Pipes Limited
	30 mg/Nm ³ .	be less than 30 mg/Nm ³ .	shall be less than 30 mg/Nm ³ .
vi.	100 % use / recycle of solid waste generated in DI plant shall be ensured.	Not Applicable	100 % use / recycle of solid waste generated in DI plant shall be ensured.
vii.	Tree density in Green belt shall be 2500 trees per ha. WDI Plant shall have 36.6 % green belt as committed by PP.	Tree density in Green belt shall be 2500 trees per ha. Plant shall have 33 % green belt as committed by PP.	Tree density in Green belt shall be 2500 trees per ha. WDI Plant shall have 36.6 % green belt as committed by PP.
viii.	Both plants shall have their independent green belts.	Both plants shall have their independent green belts.	Both plants shall have their independent green belts.
ix.	Validity of split ECs shall be from Feb 2017.	Validity of split ECs shall be from Feb 2017.	Validity of split ECs shall be from Feb 2017.
x.	More efficient bags such as PTFE bags shall be used in the filter bag house and designed for 150% of normal design air flow.	More efficient bags such as PTFE bags shall be used in the filter bag house and designed for 150% of normal design air flow.	Not Applicable
xi.	PP shall use ultralow NOx burner with three stage combustion, flue gas recirculation and auto combustion control system.	PP shall use ultralow NOx burner with three stage combustion, flue gas recirculation and auto combustion control system.	Not Applicable

B. General conditions as per the EC recommended under para 7(ii)

I. Statutory compliance

The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

Applicable

Applicable

II. Air quality monitoring and preservation

i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

Applicable

Applicable

ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

Applicable

Applicable

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Sl. No.	Environment Clearance Condition	M/s Welspun Metallics Limited	M/s Welspun DI Pipes Limited
iii.	The cameras shall be installed at suitable locations for 24X7 recording of battery emissions on the both sides of coke oven batteries and videos shall be preserved for at least one-month recordings.	Applicable	Not Applicable
iv.	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	Applicable	Applicable
v.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Applicable	Applicable
vi.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Applicable	Applicable
vii.	Secondary emission control system shall be provided at SMS Converters.	Applicable	Not Applicable
viii.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Applicable	Applicable
ix.	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.	Applicable	Not Applicable
x.	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	Applicable	Not Applicable
xi.	Facilities for spillage collection shall be provided for coal and coke on wharf of coke oven batteries (Chain conveyors, land based industrial vacuum cleaning facility).	Applicable	Not Applicable
xii.	Land-based APC system shall be installed to control coke pushing emissions.	Applicable	Not Applicable
xiii.	Monitor CO, HC and O2 in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.	Applicable	Not Applicable
xiv.	Vapor absorption system shall be provided in place of vapour compression system for cooling of coke oven gas in case of recovery type coke ovens.	Applicable	Not Applicable
xv.	In case concentrated ammonia liquor is incinerated, adopt high temperature incineration to destroy Dioxins and Furans. Suitable NOx control facility shall be provided to meet the prescribed standards.	Applicable	Not Applicable
xvi.	The coke oven gas shall be subjected to desulphurization if the sulphur content in the coal exceeds 1%.	Applicable	Not Applicable
xvii.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Applicable	Not Applicable
xviii.	Design the ventilation system for adequate	Applicable	Applicable

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Sl. No.	Environment Clearance Condition	M/s Welspun Metallics Limited	M/s Welspun DI Pipes Limited
	air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.		
xix.	The project proponent shall install Dry Gas Cleaning Plant with bag filter for Blast Furnace and SMS converter.	Applicable	Not Applicable
xx.	Dry quenching (CDQ) system shall be installed along with power generation facility from waste heat recovery from hot coke.	Applicable	Not Applicable
III. Water quality monitoring and preservation			
i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31 st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30 th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7 th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Applicable	Applicable
ii.	The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Applicable	Applicable
iii.	The project proponent shall provide the ETP for coke oven and by-product to meet the standards prescribed in G.S.R 277 (E) dated 31 st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30 th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7 th December 2015 (Thermal Power Plants) as amended from time to time as amended from time to time;	Applicable	Not Applicable
iv.	Adhere to 'Zero Liquid Discharge'	Applicable	Applicable
v.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Applicable	Applicable
vi.	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Applicable	Not Applicable
vii.	Tyre washing facilities shall be provided at the entrance of the plant gates.	Applicable	Applicable
viii.	CO ₂ injection shall be provided in GCP of SMS to reduce pH in circulating water to ensure optimal recycling of treated water for converter gas cleaning.	Applicable	Not Applicable

Part transfer of Environment Clearance titled "Change in Plant Configuration and Product Mix of Proposed 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metallics Limited located at Village: Versamedi, Tehsil: Anjar, District: Kutch, Gujarat"

Sl. No.	Environment Clearance Condition	M/s Welspun Metallics Limited	M/s Welspun DI Pipes Limited
ix.	The project proponent shall practice rainwater harvesting to maximum possible extent.	Applicable	Applicable
x.	Treated water from ETP of COBP shall not be used for coke quenching.	Applicable	Not Applicable
xi.	Water meters shall be provided at the inlet to all unit processes in the steel plants.	Applicable	Applicable
xii.	The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Applicable	Not Applicable
IV. Noise monitoring and prevention			
i.	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation And Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Applicable	Applicable
V. Energy Conservation measures			
i.	The project proponent shall provide TRTs to recover energy from top gases of Blast Furnaces.	Applicable	Not Applicable
ii.	Coke Dry Quenching (CDQ) shall be provided for coke quenching for the coke oven plant.	Applicable	Not Applicable
iii.	Waste heat shall be recovered from Sinter Plants coolers and Sinter Machines.	Applicable	Not Applicable
iv.	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.	Applicable	Not Applicable
v.	Use hot charging of slabs and billets/blooms as far as possible.	Applicable	Not Applicable
vi.	Waste heat recovery systems shall be provided in all units where the flue gas or process gas exceeds 300°C.	Applicable	Not Applicable
vii.	Explore feasibility to install WHRS at Waste Gases from BF stoves; Sinter Machine; Sinter Cooler, and all reheating furnaces and if feasible shall be installed.	Applicable	Not Applicable
viii.	Restrict Gas flaring to < 1%.	Applicable	Not Applicable
ix.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	Applicable	Applicable
x.	Provide LED lights in their offices and residential areas.	Applicable	Applicable
xi.	Ensure installation of regenerative type burners on all reheating furnaces.	Applicable	Applicable
VI. Waste management			
i.	An attrition grinding unit to improve the bulk density of BF granulated slag from 1.0 to 1.5 Kg/l shall be installed to use slag as river sand in construction industry.	Applicable	Not Applicable
ii.	Tar Sludge and waste oil shall be blended with coal charged in coke ovens.	Applicable	Not Applicable
iii.	Carbon recovery plant to recover the	Applicable	Not Applicable

Part transfer of Environment Clearance titled "Change in Plant Configuration and Product Mix of Proposed 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metallics Limited located at Village: Versamedi, Tehsil: Anjar, District: Kutch, Gujarat"

Sl. No.	Environment Clearance Condition	M/s Welspun Limited	Metalics	M/s Welspun DI Pipes Limited
	elemental carbon present in GCP slurries for use in Sinter plant shall be installed.			
iv.	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.	Applicable		Not Applicable
v.	Used refractories shall be recycled as far as possible.	Applicable		Not Applicable
vi.	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.	Applicable		Not Applicable
vii.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Applicable		Not Applicable
viii.	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.	Applicable		Applicable
ix.	Kitchen waste shall be composted or converted to biogas for further use.	Applicable		Applicable
VII. Green Belt				
i.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.	Applicable		Applicable
VIII. Public hearing and Human health issues				
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Applicable		Applicable
ii.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Applicable		Applicable
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Applicable		Applicable
IX. Corporate Environment Responsibility				
i.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.	Applicable		Applicable
ii.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard	Applicable		Applicable

Part transfer of Environment Clearance titled "Change in Plant Configuration and Product Mix of Proposed 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metalics Limited located at Village: Versamedi, Tehsil: Anjar, District: Kutch, Gujarat"

Sl. No.	Environment Clearance Condition	M/s Welspun Metalics Limited	M/s Welspun DI Pipes Limited
	operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.		
iii.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Applicable	Applicable
X. Miscellaneous			
i.	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.	Applicable	Applicable
ii.	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.	Applicable	Applicable
iii.	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 half-yearly basis.	Applicable	Applicable
iv.	The project proponent shall monitor the criteria pollutants level namely; PM ₁₀ , SO ₂ , 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.	Applicable	Applicable
v.	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.	Applicable	Applicable
vi.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State	Applicable	Applicable

Part transfer of Environment Clearance titled "Change in Plant Configuration and Product Mix of Proposed 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metalics Limited located at Village: Versamedi, Tehsil: Anjar, District: Kutch, Gujarat"

Sl. No.	Environment Clearance Condition	M/s Welspun Metallics Limited	M/s Welspun DI Pipes Limited
	Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.		
vii.	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.	Applicable	Applicable
viii.	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.	Applicable	Applicable
ix.	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).	Applicable	Applicable
x.	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.	Applicable	Applicable
xi.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Applicable	Applicable
xii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Applicable	Applicable
xiii.	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.	Applicable	Applicable
xiv.	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.	Applicable	Applicable

4. The proposal for part transfer of 0.5 MTPA DI pipe unit in the name of M/s. Welspun DI Pipes Limited was subsequently considered during 30th meeting of the Re-Constituted Expert Appraisal Committee (Industry-I) held on 10-11th February, 2021.

Observations and recommendations of the Committee held during 10 – 11th February, 2021

5. The report of the sub-committee was placed before the EAC on 11.02.2021 and the findings of the sub-committee was deliberated upon. After deliberations, the Committee accepted the sub-committee report and recommended the following:

- i. Amendment in the Environmental Clearance recommended by the EAC under para 7(ii) of EIA Notification, 2006 in its meeting held on 18-19th January, 2021 which was accorded on

Part transfer of Environment Clearance titled "Change in Plant Configuration and Product Mix of Proposed 3.0 MTPA Integrated Steel Plant including 1.5 MTPA Cement Plant and 200MW CPP by M/s. Welspun Metallics Limited located at Village: Versamedi, Tehsil: Anjar, District: Kutch, Gujarat"

26/02/2021 by excluding 0.5 MTPA Ductile Iron Pipe Plant (2×0.25 MTPA) and also modifying the specific as well as general conditions as per the compliance matrix given above.

- ii. Part transfer of Ductile Iron Pipe Plant 2×0.25 MTPA facilities in the name of the M/s. Welspun DI pipes Limited by issuing a part transfer EC letter along with prescription of specific as well as general conditions as per the compliance matrix given above.

Decision of MoEF&CC

6. The undersigned is directed to inform that Ministry of Environment, Forest and Climate Change has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1) hereby decided to amend the Environmental Clearance recommended by the EAC under para 7(ii) of EIA Notification, 2006 in its meeting held on 18-19th January, 2021 which was accorded on 26/02/2021 by excluding 0.5 MTPA Ductile Iron Pipe Plant (2×0.25 MTPA) and also modifying the specific as well as general conditions as given below:

A. Specific conditions

- i. CEMS shall be provided on all process stacks and the signal shall be received in plant control room for central control of APCDs installed in the plant.
- ii. PM level from the stacks shall be less than 30 mg/Nm³.
- iii. Tree density in Green belt shall be 2500 trees per ha. Plant shall have 33 % green belt as committed by PP.
- iv. Both plants shall have their independent green belts.
- v. Validity of split ECs shall be from Feb 2017.
- vi. More efficient bags such as PTFE bags shall be used in the filter bag house and designed for 150% of normal design air flow.
- vii. PP shall use ultralow NOx burner with three stage combustion, flue gas recirculation and auto combustion control system.

B. General conditions

I. Statutory compliance

- i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized

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under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The cameras shall be installed at suitable locations for 24X7 recording of battery emissions on the both sides of coke oven batteries and videos shall be preserved for at least one-month recordings.
- iv. Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- vi. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vii. Secondary emission control system shall be provided at SMS Converters.
- viii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- ix. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- x. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- xi. Facilities for spillage collection shall be provided for coal and coke on wharf of coke oven batteries (Chain conveyors, land based industrial vacuum cleaning facility).
- xii. Land-based APC system shall be installed to control coke pushing emissions.
- xiii. Monitor CO, HC and O₂ in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.
- xiv. Vapor absorption system shall be provided in place of vapour compression system for cooling of coke oven gas in case of recovery type coke ovens.
- xv. In case concentrated ammonia liquor is incinerated, adopt high temperature incineration to destroy Dioxins and Furans. Suitable NO_x control facility shall be provided to meet the prescribed standards.
- xvi. The coke oven gas shall be subjected to desulphurization if the sulphur content in the coal exceeds 1%.
- xvii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- xviii. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
- xix. The project proponent shall install Dry Gas Cleaning Plant with bag filter for Blast Furnace and SMS converter.
- xx. Dry quenching (CDQ) system shall be installed along with power generation facility from waste heat recovery from hot coke.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall provide the ETP for coke oven and by-product to meet the standards prescribed in G.S.R 277 (E) dated 31st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time as amended from time to time;
- iv. Adhere to 'Zero Liquid Discharge'
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- vii. Tyre washing facilities shall be provided at the entrance of the plant gates.
- viii. CO2 injection shall be provided in GCP of SMS to reduce pH in circulating water to ensure optimal recycling of treated water for converter gas cleaning.
- ix. The project proponent shall practice rainwater harvesting to maximum possible extent.
- x. Treated water from ETP of COBP shall not be used for coke quenching.
- xi. Water meters shall be provided at the inlet to all unit processes in the steel plants.
- xii. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

IV. Noise monitoring and prevention

- i. Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation And Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

V. Energy Conservation measures

- i. The project proponent shall provide TRTs to recover energy from top gases of Blast Furnaces.
- ii. Coke Dry Quenching (CDQ) shall be provided for coke quenching for the coke oven plant.
- iii. Waste heat shall be recovered from Sinter Plants coolers and Sinter Machines.

- iv. Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
- v. Use hot charging of slabs and billets/blooms as far as possible.
- vi. Waste heat recovery systems shall be provided in all units where the flue gas or process gas exceeds 300°C.
- vii. Explore feasibility to install WHRS at Waste Gases from BF stoves; Sinter Machine; Sinter Cooler, and all reheating furnaces and if feasible shall be installed.
- viii. Restrict Gas flaring to < 1%.
- ix. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- x. Provide LED lights in their offices and residential areas.
- xi. Ensure installation of regenerative type burners on all reheating furnaces.

VI. Waste management

- i. An attrition grinding unit to improve the bulk density of BF granulated slag from 1.0 to 1.5 Kg/l shall be installed to use slag as river sand in construction industry.
- ii. Tar Sludge and waste oil shall be blended with coal charged in coke ovens.
- iii. Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.
- iv. Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.
- v. Used refractories shall be recycled as far as possible.
- vi. SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.
- vii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- viii. Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
- ix. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms

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of Factory Act.

- iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

IX. Corporate Environment Responsibility

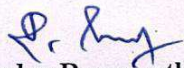
- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

X. Miscellaneous

- 
- i. 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.
 - ii. 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.
 - iii. 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 half-yearly basis.
 - iv. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (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.
 - v. 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.
 - vi. 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.
 - vii. 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.


- viii. 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.
- ix. 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).
- x. 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.
- xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiii. 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.
- xiv. 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.
7. All the other terms and conditions stipulated in environmental clearance vide letter no. J-11011/136/2015-I A.II(I) dated 26/02/2021 will remain unchanged.
8. The project proponent shall obtain fresh environmental clearance in case of change in scope of the project, if any.
9. This issues with the approval of Competent Authority.

Yours faithfully,


(Sundar Ramanathan)
Scientist 'E'

Copy to:-

1. Secretary, Department of Environment, Government of Gujarat, Secretariat, Gandhinagar, Gujarat.
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Regional Office (WZ), E-5 Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road – 3, ravishankar Nagar, Bhopal - 462106.
3. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
4. Member Secretary, Gujarat Pollution Control Board, Parivesh Bhavan, Sector 10-A, Gandhi Nagar, Gujarat - 382043.
5. Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
6. District Collector, Kutch District, West Bengal.
7. Guard File / Record file / Monitoring file.
8. MOEF&CC Website.


(Sundar Ramanathan)
Scientist 'E'

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