

Environmental and Social Due Diligence Report

Project Number: 47083-004
January 2022

INDIA: Accelerating Infrastructure Investment Facility in India – Tranche 3 Shamlaji Expressway Private Limited (Part 15 of 34)

Prepared by India Infrastructure Finance Company Limited for the India Infrastructure Finance Company Limited and the Asian Development Bank.

This environmental and social due diligence report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

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GUJARAT POLLUTION CONTROL BOARD

REGIONAL OFFICE : HIMMATNAGAR



In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 3(c) & 5(5) of the Hazardous Waste (Management and Handling) Rules'1989, amendment rules-2000, amended rules-2003 framed under the EP Act-1986.

And whereas Board has received consolidated consent application Inward No.173042 dated: 02/03/2020 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions/rules of the aforesaid acts. Consents & Authorization are hereby granted as under:

CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid environmental acts)

To,

N G Projects Ltd. (GPCB ID-65789)

Survey no-1529, Sabar Dairy Road, Gadhoda,

Himmatnagar-383001,

Tal-Himmatnagar, Dist-Sabarkantha.

1. Consent Order No.: AWH-41168 date of Issue: 13/03/2020.

2. The consents shall be valid up to 01/03/2025 for use of outlet for the discharge of trade effluent arising as a result of the unit of the following items/products:

Sr. No.	Product	Capacity
1	Drum mix plant for road building materials	15000 MT/Month

3. SPECIFIC CONDITIONS:

3.1 Application shall have to comply with the guideline for Hot Mix Plant.

3.2 The applicant shall purchase raw materials (Kapachi/Grit) from open market only i.e from the authorized leased holders having Environment Clearance.

3.3 Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules 2016 (solid waste as defined in Rule-3(46).

3.4 As per provision of Rule-18 of Solid Waste Management Rules-2016 all industrial units using fuel and located within 100 km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.

4. CONDITIONS UNDER WATER ACT 1974:-

4.1 The quantity of the fresh water consumption for industrial purpose shall not exceed 2 KLPD.

4.2 The quantity of the fresh water consumption for domestic purpose shall not exceed 1 KLPD.

4.3 There shall be no generation of industrial effluent from the manufacturing process and other ancillary industrial operations.

4.4 The quantity of the domestic waste water (sewage) shall not exceed 0.5 KLPD.

4.5 Sewage shall be disposed of through Septic tank/soak pit system.

5. Conditions Under Air Act, 1981:

5.1 The following shall be used as fuel.

Sr. No.	Fuel	Fuel use in	Quantity
1	HSD	D.G.Set	10 Liter/Hour
2	LDO	Drum mix plant	50 Liter/Hour

33/34, "Marsh Bungalows", Polytechnic Road, Motipura, Himmatnagar-383 001, Dist. Sabarkantha.
Phone: (02772) 229272, 229273

Website : www.gpcb.gov.in

5.2 The Flue gas emission through stack mentioned below shall conform to the following standards:

Stack No.	Stack Attached to	Stack Height in Meter	Air Pollution Control Measures	Parameter	Permissible Limit
1	Drum mix plant	12 M	Inbuilt dust collector and Bag filter	Particulate matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm
2	D. G.Set (125 KVA)	6 M	Acoustic Enclosure	Particulate matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm

5.3 There shall be no process emission from the manufacturing and other ancillary operations.

5.4 Ambient air quality within the premises of the industry shall conform to the following standards.

PARAMETER	PERMISSIBLE LIMIT (Microgram/ M ³)	
	Annual	24 hrs Average
Particulate matter-10 (PM ₁₀)	60	100
Particulate matter-2.5 (PM _{2.5})	40	60
SO ₂	50	80
NO _x	40	80

5.5 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

5.6 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

5.7 The hot mix plant shall provide following APCM.

- A suitable and adequate dust control system such as dry and wet scrubber for the Dryer and mixer shall be provided.
- The plant shall have centralized control panel/cabin capable of presetting controlling / synchronization all operations, starting from feeding of aggregates to the discharge of hot mix to ensure proper mixing. It shall have adequate water scrubbing mechanism to control the dust coming out of the dryer.
- Conveyor belts shall be fully covered from top and sides.
- Considering predominant wind direction, wind breaking wall shall be constructed.
- All roads/ vehicle movement areas at the site of Hot Mix Plant shall have be pucca/ stabilized with stone aggregated.
- Regular sprinkling of water shall be ensured on such roads so that no dust is generated due to vehicular movement.
- Water sprinkling system shall be provided for suppression of dust in the premises.
- Regular cleaning and wetting of ground within premises shall be carried out.
- Adequate plantation shall be carried out in the periphery of premises.
- Only approved fuel such as diesel, LDO shall be used. In no case unauthorized fuel such as solvents, industrial waste shall be used.

Outward No. 1

6. **AUTHORISATION FOR THE MANAGEMENT , HANDLING & Transboundary Movement rules, 2008 OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5)).**
Form for grant of authorization for occupier or operator handling hazardous waste.

- 6.1 N G Projects Ltd. (GPCB ID-65789) is here granted authorization to operate facility for following hazardous wastes on the premises situated at Survey no-1529, Sabar Dairy Road, Gadhoda, Himmatnagar-383001, Tal-Himmatnagar, Dist-Sabarkantha.

Sr. No	Hazardous Waste	Quantity (MT/Yr.)	Schedule I	Facility
1.	Used Oil	0.010 MT/Year	1-5.1	Collection, Storage, sale to the registered recyclers or used as lubricant in plant machinery.

- 6.2 The authorization shall be up to 01/03/2025.

- 6.3 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

7. **TERMS AND CONDITIONS OF AUTHORIZATION**

- a) The applicant shall comply with the provisions of the Environment (Protection) Act- 1986 and the rules made there under.
- b) The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- c) The persons authorized shall not rent, lend, sell and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- d) Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- e) It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- f) An application for the renewal of an authorization shall be made as laid down under Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.
- g) Any other conditions for compliance as per the guidelines issued by the MoEF or CPCB.
- h) Industry shall submit annual report on or before 30th day of June following to the financial year to which that return relates.

8. **GENERAL CONDITIONS: -**

- 8.1 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width is developed.
- 8.2 In case of change of ownership/management the name and address of the new owners/partners/directors/ proprietor should immediately be intimated to the Board.
- 8.3 The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
- 8.4 The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:
Between 6 A.M. and 10 P.M.: 75 dB(A)
Between 10 P.M. and 6 A.M.: 70 dB(A)
- 8.5 Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals rules-1989 framed under the Environment (Protection) Act-1986.
- 8.6 If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property in that case they are obliged to pay the compensation as determined by the competent authority.

- 8.7 The applicant shall not carry out any activities or projects listed in schedule of the new EIA Notification dated 14/09/06 requiring prior Environment Clearance.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(M.S.Shukla)
Regional officer

NO: GPCB/ SK/RO-CCA-857/ ID-65789/

ISSUED TO:

N G Projects Ltd. (GPCB ID-65789)
Survey no-1529, Sabar Dairy Road, Gadhoda,
Himmatnagar-383001,
Tal-Himmatnagar, Dist-Sabarkantha.

Copy to:

- (1) The Member Secretary, GPCB, Gandhinagar, kind attention: Unit head Himmatnagar....For information please.
- (2) Office copy of RO, Himmatnagar.

RECEIVED No:16176.20/03/2020

GUJARAT POLLUTION CONTROL BOARD

REGIONAL OFFICE : HIMMATNAGAR



In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 3(c) & 5(5) of the Hazardous Waste (Management and Handling) Rules 1989, amendment rules-2000, amended rules-2003 framed under the EP Act-1986.

And whereas Board has received consolidated consent application Inward No.152247 dated: 16/04/2019 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions/rules of the aforesaid acts. Consents & Authorization are hereby granted as under:

CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid environmental acts)

To,
M/s N G Project Ltd (GPCB ID-69010)
S. No-119(old 632),
At & Post ; Dhundhar - 383030
Tal-Himmatnagar, Dist-Sabarkantha

1. Consent Order No.: AWH - 35779 date of Issue: 16/04/2019.
2. The consents shall be valid up to 15/04/2024 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No	Product	Capacity
1	Bitumen plant product	25,000 MT/Month
2	Wet Mix plant Product	25,000 MT/Month
3	Ready Mix Concrete/Product	30,000 MT/Month

3 SPECIFIC CONDITIONS:

- 3.1 As per provision of Rule-18 of Solid Waste Management Rules-2016 all industrial units using fuel and located within 100 km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.
- 3.2 Application shall have to comply with the guideline for Hot Mix Plant & CTE specific conditions.

4 CONDITIONS UNDER WATER ACT 1974:-

- 4.1 The quantity of the fresh water consumption for industrial purpose shall not exceed 5.0 KLPD.
- 4.2 The quantity of the fresh water consumption for domestic purpose shall not exceed 1.0 KLPD.
- 4.3 There shall be no generation of industrial effluent from the manufacturing process and other ancillary industrial operations.
- 4.4 The quantity of the domestic waste water (sewage) shall not exceed 0.4 KLPD.
- 4.5 Sewage shall be disposed of through Septic tank/soak pit system.

5. Conditions under Air Act, 1981

- 5.1 The following shall be used as fuel.

Sr. No.	Fuel	Quantity
1	HSD	200 lit/Hr
2	FO	120 lit/Hr

- 5.2 The Flue gas emission through stack mentioned below shall attach to following conforms to the following standards:

Dhundhar/Gembai (Annex-12)

5.3
There
shall
be no
proces
s

Stack No.	Stack Attached to	Stack Height in Meter	Air Pollution Control Measures	Parameter	Permissible Limit
1	Bitumen Plant	09	In built Dust Extraction System & Water Spraying System(Wet scrubber) with recirculation system (Separate for each plant)	Particulate matter	150 mg/NM ³
2	Wet Mix plant	09			
3	Ready mix Concrete	09			
4	D.G. Set(375 KVA)	06	Acoustic Enclosure	SO ₂ NO _x	100 ppm 50 ppm

emission from the manufacturing and other ancillary operations.

5.4 Ambient air quality within the premises of the industry shall conform to the following standards.

PARAMETER	PERMISSIBLE LIMIT (Microgram/ M ³)	
	Annual	24 hrs Average
Particulate matter-10 (PM ₁₀)	60	100
Particulate matter-2.5 (PM _{2.5})	40	60
SO ₂	50	80
NO _x	40	80

5.5 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

5.6 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

6. AUTHORISATION FOR THE MANAGEMENT, HANDLING & Transboundary Movement, rules, 2008 OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5)).

Form for grant of authorization for occupier or operator handling hazardous waste.

6.1 M/s N G Project Ltd is here granted authorization to operate facility for following hazardous wastes on the premises situated at S. No-119(old 632), At & Post : Dhundhar - 383030Tal-Himmatnagar, Dist-Sabarkantha

Sr. No	Waste	Quantity (MT/Yr)	Schedule I	Facility
1.	Used or Spent Oil	0.040 MT/Year	1-5.1	Collection, Storage, sale to the authorized recycler or use as lubricant in the plant machinery.

6.2 The authorization shall be up to 15/04/2024.

6.3 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

Outward No:15754/2024


7. **TERMS AND CONDITIONS OF AUTHORIZATION**

- a) The applicant shall comply with the provisions of the Environment (Protection) Act- 1986 and the rules made there under.
- b) The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- c) The persons authorized shall not rent, lend, sell and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- d) Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- e) It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- f) An application for the renewal of an authorization shall be made as laid down under Haz. Waste (Management, Handling & Transboundary Movement) Rules, 2008.
- g) Any other conditions for compliance as per the guidelines issued by the MoEF or CPCB.
- h) Industry shall submit annual report on or before 30th day of June following to the financial year to which that return relates.

8. **GENERAL CONDITIONS: -**

- 8.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 8.2 Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body. In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.
- 8.3 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 8.4 The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 8.5 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 8.6 In case of change of ownership/management the name and address of the new owners/partners/directors / proprietor should immediately be intimated to the Board.
- 8.7 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme order in w.p. no. 657 of 1995 dated 14th October 2003.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(M. S. Shukla)
Regional officer

NO: GPCB/ SK/RO-GCA- 863/ ID-69010/

ISSUED TO:

M/s N G Project Ltd (GPCB ID-69010)

S. No-119(old 632),

At & Post : Dhundhar - 383030

Tal-Himmatnagar, Dist-Sabarkantha

Copy to:

- (1) The Member Secretary, GPCB, GandhinagarFor information please.
- (2) Office copy of RO, Himatnagar.

GUJARAT POLLUTION CONTROL BOARD

REGIONAL OFFICE : HIMMATNAGAR



In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21, of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 3(c) & 5(5) of the Hazardous Waste (Management and Handling) Rules'1989, amendment rules-2000, amended rules-2003 framed under the EP Act-1986.

And whereas Board has received consolidated consent application Inward No.148501 dated: 18/12/2018 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions/rules of the aforesaid acts. Consents & Authorization are hereby granted as under:

CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid environmental acts)

To,

M/s N G Project Ltd(GPCB ID-65772)

S. No-1530,

Nr. Oracle Granito, At & Post ; Vill- Gadhoda

Tal-Himmatnagar, Dist-Sabarkantha

1. Consent Order No.: AWH-33558 date of Issue: 18/12/2018.
2. The consents shall be valid up to 17/12/2023 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No.	Product	Capacity
1	Wet Mix Plant Products	10,000 MT/Month

3 SPECIFIC CONDITIONS:

- 3.1 As per provision of Rule-18 of Solid Waste Management Rules-2016 all industrial units using fuel and located within 100 km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.

- 3.2 Application shall have to comply with the guideline for Hot Mix Plant.

4 CONDITIONS UNDER WATER ACT 1974:-

- 4.1 The quantity of the fresh water consumption for industrial purpose shall not exceed 2.5 KLPD.
- 4.2 The quantity of the fresh water consumption for domestic purpose shall not exceed 0.5 KLPD.
- 4.3 There shall be no generation of industrial effluent from the manufacturing process and other ancillary industrial operations.
- 4.4 The quantity of the domestic waste water (sewage) shall not exceed 0.2 KLPD.
- 4.5 Sewage shall be disposed of through Septic tank/soak pit system.

5. Conditions under Air Act, 1981:-

- 5.1 The following shall be used as fuel.

Sr. No.	Fuel	Fuel use in	Quantity
1	HSD	For Wet Mix Concrete plant	20 ltr/Hr
2	FO	For Wet Mix Concrete plant	20 ltr/Hr
3	HSD	For D G set	40 ltr/Hr

- 5.2 The Flue gas emission through stack mentioned below shall attach to following conforms to the following standards:

Stack No.	Stack Attached to	Stack Height in Meter	Air Pollution Control Measures	Parameter	Permissible Limit
1	Wet mix Concrete	09	In built Dust Extraction System & Water Spraying System with recirculation system	Particulate matter	150 mg/Nm ³
				SO ₂	100 ppm
				NO _x	50 ppm
2	D.G. Set(125 KVA)	06	Acoustic Enclosure		

- 5.3 There

shall be no process emission from the manufacturing and other ancillary operations.

- 5.4 Ambient air quality within the premises of the industry shall conform to the following standards.

PARAMETER	PERMISSIBLE LIMIT (Microgram/ M ³)	
	Annual	24 hrs Average
Particulate matter-10 (PM ₁₀)	60	100
Particulate matter-2.5 (PM _{2.5})	40	60
SO ₂	50	80
NO _x	40	80

- 5.5 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5.6 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

6. AUTHORISATION FOR THE MANAGEMENT, HANDLING & Transboundary Movement, rules, 2008 OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5)).

Form for grant of authorization for occupier or operator handling hazardous waste.

- 6.1 M/s N G Project Ltd is here granted authorization to operate facility for following hazardous wastes on the premises situated at S. No-1530, Nr. Oracle Granito, At & Post ; Vill- Gadhoda Tal-Himmatnagar, Dist-Sabarkantha

Sr. No	Waste	Quantity (MT/Yr.)	Schedule I	Facility
1.	Used or Spent Oil	0.010 MT/Year	I-5.1	Collection, Storage, sale to the authorized recycler or use as lubricant in the plant machinery.

- 6.2 The authorization shall be up to 17/12/2023.

- 6.3 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

7. TERMS AND CONDITIONS OF AUTHORIZATION

- a) The applicant shall comply with the provisions of the Environment (Protection) Act- 1986 and the rules made there under.
- b) The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.

- c) The persons authorized shall not rent, lend, sell and transfer of otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- d) Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- e) It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- f) An application for the renewal of an authorization shall be made as laid down under Haz. Waste (Management, Handling & Transboundary Movement) Rules, 2008.
- g) Any other conditions for compliance as per the guidelines issued by the MoEF or CPCB.
- h) Industry shall submit annual report on or before 30th day of June following to the financial year to which that return relates.

8. **GENERAL CONDITIONS:-**

- 8.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 8.2 Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body. In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.
- 8.3 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 8.4 The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 8.5 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 8.6 In case of change of ownership/management the name and address of the new owners/partners/directors / proprietor should immediately be intimated to the Board.
- 8.7 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme order in w.p. no. 657 of 1995 dated 14th October 2003.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD

(M.S.Shukla)
Regional officer

Date: 03/01/2019

NO: GPCB/ SK/RO-CCA/ ID-65772 / 15604

ISSUED TO:

M/s N G Project Ltd (GPCB ID-65772),
S. No-1530,
Nr. Oracle Granito, At & Post ; Vill- Gadhoda
Tal-Himmatnagar, Dist-Sabarkantha

Copy to:

- (1) The Member Secretary, GPCB, GandhinagarFor information please.
- (2) Office copy of RO, Himatnagar.

GUJARAT POLLUTION CONTROL BOARD



RECHIN P. OSEK P. CHANDANAGAR

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 3(c) & 5(5) of the Hazardous Waste (Management and Handling) Rules'1989, amendment rules-2000, amended rules-2003 framed under the EP Act-1986.

And whereas Board has received consolidated consent application Inward No.148461 dated: 19/12/2018 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions/rules of the aforesaid acts. Consents & Authorization are hereby granted as under:

CONSENT AND AUTHORISATION:
(Under the provisions / rules of the aforesaid environmental acts)

To,
M/s N G Project Ltd(GPCB ID-65706)
S. No-112, Shamlaji Road,
At & Post ;Vandoliya, Asal
Tal-Bhiloda, Dist-Aravalli

1. Consent Order No.: AWH - 33645 date of Issue: 19/12/2018.
2. The consents shall be valid up to 18/12/2023 for use of outlet for the discharge of trade effluent & emission due to operation of industrial plant for manufacture of the following items/products:

Sr. No	Product	Capacity
1	Ready Mix Concrete/Product	30,000 MT/Month

3. **SPECIFIC CONDITIONS:**
 - 3.1 As per provision of Rule-18 of Solid Waste Management Rules-2016 all industrial units using fuel and located within 100 km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.
 - 3.2 Application shall have to comply with the guideline for Hot Mix Plant & CTE specific conditions.

4. **CONDITIONS UNDER WATER ACT 1974:-**
 - 4.1 The quantity of the fresh water consumption for industrial purpose shall not exceed 5.0 KLPD.
 - 4.2 The quantity of the fresh water consumption for domestic purpose shall not exceed 1.0 KLPD.
 - 4.3 There shall be no generation of industrial effluent from the manufacturing process and other ancillary industrial operations.
 - 4.4 The quantity of the domestic waste water (sewage) shall not exceed 0.4 KLPD.
 - 4.5 Sewage shall be disposed of through Septic tank/soak pit system.

5. **Conditions under Air Act. 1981:**
 - 5.1 The following shall be used as fuel.

Sr. No.	Fuel	Quantity
1	HSD/FO	320 lit/Hr

- 5.2 The Flue gas emission through stack mentioned below shall attach to following conforms to the following standards:

Stack No.	Stack Attached to	Stack Height in Meter	Air Pollution Control Measures	Parameter	Permissible Limit
1	Ready mix Concrete	09	In built Dust Extraction System & Water Spraying System(Wet scrubber) with recirculation system (Separate for each plant)	Particulate matter	150 mg/NM ³
2	D.G. Set(375 KVA)	06	Acoustic Enclosure	SO ₂	100 ppm
				NO _x	50 ppm

- 5.3 There shall be no process emission from the manufacturing and other ancillary operations.

- 5.4 Ambient air quality within the premises of the industry shall conform to the following standards.

PARAMETER	PERMISSIBLE LIMIT (Microgram/ M ³)	
	Annual	24 hrs Average
Particulate matter-10 (PM ₁₀)	60	100
Particulate matter-2.5 (PM _{2.5})	40	60
SO ₂	50	80
NO _x	40	80

- 5.5 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 5.6 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

6. **AUTHORISATION FOR THE MANAGEMENT, HANDLING & Transboundary Movement, rules, 2008 OF HAZARDOUS WASTES Form-2 (See rule 3 (c) & 5 (5)).**

Form for grant of authorization for occupier or operator handling hazardous waste.

- 6.1 M/s N G Project Ltd is here granted authorization to operate facility for following hazardous wastes on the premises situated at S. No-33 paiki & 35 paiki, At & Post ; padar Tal-Modasa, Dist-Aravalli

Sr. No	Waste	Quantity (MT/Yr.)	Schedule I	Facility
1.	Used or Spent Oil	0.040 MT/Year	1-5.1	Collection, Storage, sale to the authorized recycler or use as lubricant in the plant machinery.

- 6.2 The authorization shall be up to 18/12/2023.
- 6.3 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.


7. **TERMS AND CONDITIONS OF AUTHORIZATION**

- a) The applicant shall comply with the provisions of the Environment (Protection) Act- 1986 and the rules made there under.
- b) The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Gujarat Pollution Control Board.
- c) The persons authorized shall not rent, lend, sell and transfer or otherwise transport the hazardous wastes without obtaining prior permission of the Gujarat Pollution Control Board.
- d) Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- e) It is the duty of the authorized person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- f) An application for the renewal of an authorization shall be made as laid down under Haz. Waste (Management, Handling & Transboundary Movement) Rules, 2008.
- g) Any other conditions for compliance as per the guidelines issued by the MoEF or CPCB.
- h) Industry shall submit annual report on or before 30th day of June following to the financial year to which that return relates.

8. **GENERAL CONDITIONS: -**

- 8.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 8.2 Whenever due to accident or other unforeseen act or ever, such emissions occur or is apprehended to occur in excess of standards laid down such information shall be forthwith reported to Board, concerned Police Station, Office of Directorate of Health Service, Department of Explosives, Inspectorate of Factories and local body. In case of failure of pollution control equipments, the production process connected to it shall be stopped. Remedial actions/measures shall be implemented immediately to bring entire situation normal.
- 8.3 The Environmental Management Unit/Cell shall be setup to ensure implementation on and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management Cell/Unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units also coordinate the exercise of environmental audit and preparation of environmental statements.
- 8.4 The Environmental audit shall be carried out yearly and the environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 8.5 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 8.6 In case of change of ownership/management the name and address of the new owners/partners/directors / proprietor should immediately be intimated to the Board.
- 8.7 Industry shall have to display the relevant information with regard to hazardous waste as indicated in the Hon. Supreme order in w.p. no. 657 of 1995 dated 14th October 2003.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(M.S. Shukla)
Regional officer

NO: GPCB/ SK/RO-CCA/ ID-65706 /

ISSUED TO:

M/s N G Project Ltd(GPCB ID-65706)
S. No-112, Shamlaji Road,
At & Post ;Vandoliya, Asal
Tal-Bhiloda, Dist-Aravalli

Copy to:

- (1) The Member Secretary, GPCB, Gandhinagarfor information please.
- (2) Office copy of RO, Himmatnagar.