

MAHARASHTRA POLLUTION CONTROL BOARD

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Consent No: Format 1.0/ BO/CAC-Cell/UAN No.20969/

Date- 02/11 /2019

CAC-1911000073

To,
M/s Jawaharlal Nehru Port Trust (JNPT),
Nhava Sheva (India) Gateway Terminal,
Tal Uran, Dist Raigad

Subject: Renewal of Consent to operate under for activity of Loading/ Unloading of containers at JNPT
-Gateway Terminal (NSIGT -DP World) at extended container Berth of length 330 Mtrs in RED
category.

Ref : 1. Consent to operate granted by the Board vide no.BO/CAC-Cell/EIC-NM-5558-15/CO/CAC-8854
Dated 05.07.2016 valid up to 29.06.2016.

2. Environmental Clearance granted by MoEFCC vide No.11-66/2006-1A-III dated 29.07.2008 and
Revalidation of EC-CRZ Clearance granted by MoEF vide no. 11-66/2006 1A-III dated
10.05.2013.

3. The minutes of the Consent Appraisal Committee meeting dated 23.08.2017.

Your application UAN: 20969 dated: 09.02.2017.

For: Renewal of Consent to operate for activity of Loading/Unloading of containers at JNPT Gateway
Terminal (NSIGT-DP World) at extended container Berth of length 330 mtrs.

Under section 26 of the Water (Prevention and control of Pollution) Act, 1974 & under Section 21 of the Air
(Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 5 of the hazardous Wastes (M, H
& T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and
conditions and as detailed in the schedule I, II, III, & IV annexed to this order:

1. The consent to operate is granted for period from 06.10.2016 to 05.10.2020.
2. The capital investment of the project is Rs. 934.2 crs. (As per documents submitted by
Industry).
3. The Consent to operate is valid for following activity –

Sr. No.	Activity	Capacity
1	Operation of loading/Unloading of container berth of length 330 mtrs for handling of containers.	0.6 Million TEUs/Year

4. Conditions under Water (P & CP), 1974 Act for discharge of effluent:

Sr. No	Description	Permitted quantity of Discharge (CMD)	Standards of achieved	Disposal
1.	Trade effluent	Nil	---	---
2.	Domestic effluent	7.6	As per Schedule -I	Reuse and remaining dispose on land for gardening.

5. Conditions under Air (P & CP) Act, 1981 for Air emissions:

Sr. No.	Description of stack/source	Number of stack	Standards to be achieved
1	DG Sets [1 Nos - 500 KVA]	01	As per Schedule-II

6. Conditions about Non Hazardous Wastes:

Sr. no.	Type Of Waste	Quantity & UoM	Treatment	Disposal
1	Non-Biodegradable waste	666 Kg /Month	----	Sale or hand over to local body

7. Conditions under Hazardous Waste (MH & TM) Rules, 2016 for treatment and disposal of hazardous waste:

Sr. No.	Type Of Waste	Category	Quantity	UOM	Treatment	Disposal
1.	5.2 used / Spent Oil	5.2	1100	Lit/M	---	Sale to authorized reprocessor

8. The Applicant shall strictly comply with condition stipulated in Environmental Clearance granted by MoEF vide No.11-66/2006-IA-III dated 29.07.2008 and Revalidation of EC-CRZ clearance granted by MoEF vide no.No.11-66/2006-IA-III dated 10.05.2013.

9. This Consent is issued in pursuance of following approvals /permissions/order passed by the competent Authority-

- In-Principal approval granted by MoEF vide letter dated 11.03.2014 for diversion of 14 ha. Mangrove vegetation of the Notified water front area of JNPT for development of standalone container handling facility etc.
- Formal approval of the Central Government under section-2 of the forest (Conservation) Act, 1980 by MoEF & CC vide letter dated 22.10.2014 for diversion of 14 ha Mangrove vegetation of the notified water area of JNPT for development of a standalone container handling facility Etc.
- Order issued by Revenue and Forest Department, Govt. of Maharashtra dated 11.02.2015 regarding approval for diversion of 14 ha. Mangrove vegetation of the notified water area of JNPT for Development of standalone container handling facility etc.

10. This consent is issued in pursuance of the Order dated 05.05.2014 in the Matter of Notice of Motion (L) No. 195 of 2014 In PIL No. 87 of 2006 passed by the Hon'ble High Court , Mumbai. The Applicant shall comply with the orders passed /being passed by the Hon'ble High Court. This consent is issued subject to any order passed and may be passed by Hon'ble National Green Tribunal, Hon'ble High Court and other courts.

11. The applicant shall obtain necessary amendment regarding condition no. A-iii, iv and v in Environmental Clearance –CRZ Clearance dated 29.07.2008 from competent authority within a period of 3 months from the date of issuance of consent. Board will review the decision of grant of consent to operate for further period after submission of the said amendment in EC-CRZ Clearances.

12. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.

13. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

14. This consent is issued as per the Environment Department GOM office order no.141 Dated 25.10.2019.

For and on behalf of the
Maharashtra Pollution Control Board

(P.K.Mirashe)

Member Secretary

Received Consent Fee of-

Sr.No.	Amount(Rs)	DD. No.	Date	Drawn on
1.	5,11,587/-	521121	01.12.2014	State Bank Of India
2.	13,57,219/-	060019	27.06.2016	Barclays Bank
3.	9,62,400/-	840788	29.06.2016	State Bank Of India
4.	56,05,218/-	RTGS	16.2.2017	State Bank Of India

Copy to:

- Regional Officer, MPCB, Navi Mumbai – Sub-Regional Officer - MPCB, Taloja.
- They are directed to ensure the compliance of Consent conditions.
- Chief Accounts Officer, MPCB, Mumbai.
- CC/CAC desk - for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

- 1) A.] As per your consent application, you have provided sewage treatment plant for treatment of Domestic effluent of capacity 50 CMD of electrolytic sewage treatment system consisting of screen chamber, ionizer tank, electrolyser, PSF, ACF and treated water tank .
- B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

Sr. No	Parameters	Standards prescribed by Board
1.	BOD (3 days 27 ^o C)	100
2.	Suspended Solids	100

- C] The treated domestic effluent shall be reused /recycled for secondary purpose such as toilet, air conditioning, fire frightening etc. and remaining shall be used on land for gardening/ Plantation or discharge in to the sewerage system provided by local Body.
- 2) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 3) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 4) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and provisions as contained in the said act. The detailed water budget is given as below:

Sr. no.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Domestic purpose	7.65
2.	Industrial Cooling, boiler feed, curing and wagon loading	----
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	----
4.	Processing whereby water gets polluted & pollutants are easily biodegradable and are toxic	---
5.	Gardening	---

- 5) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under Environmental Clearance / CREP guidelines.

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have to provide the Air pollution control (APC) system and also erected following stack (s) and to observe the following fuel pattern-

Sr. No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S %
1	DG Sets- 1 X 500 KVA	Acoustic enclosure and Stacks	4.5 Above roof	HSD	@.021Ltrs/Hr/KVA at full load	1

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)

3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieved consented standards:
4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.
5. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

Schedule-III
Details of Bank Guarantees

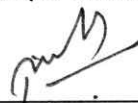
Sr. No.	Consent	Amount of BG imposed	Submission Period	Purpose of BG	Compliance period	Validity Dated
1	Renewal of Consent to operate	5.0 Lakhs	15 Days	Towards compliance consent to operate conditions.	continuous	05.02.2021
1	Renewal of Consent to operate	5.0 Lakhs	15 Days	Towards Operation and maintenance of pollution control systems	continuous	05.02.2021

****The above Bank Guarantee (s) shall be submitted by the applicant in favor of Regional officer at the respective Regional officer within 15 days of the date of issue of Consent.**

Schedule-IV

General Conditions:

- 1) The above activity should not cause nuisance in surrounding area.
- 2) Sealed and paved roads with the provision of side drain, cross drain etc. shall be provided for migrating impact due to transport over roads. Measure transport should be through railway lines.
- 3) Adequate facility for collection and disposal of solid waste generated within the port area shall be provided.
- 4) Provisions of collection, reception, transportation, treatment and disposal of Hazardous waste generated within port area shall be provided as per the provisions of Hazardous Waste (M & H) & Transboundary Rules 2016.
- 5) For controlling the pollution due to port activities, provisions of portable oil skimmers, oil recovery system, chemical dispersion with spray pumps, collection of debris and sludge shall be provided.
- 6) Air pollution control measures including water spraying on dust generating sites and coal storages shall be provided. The vehicles used in the port area should comply with automobile emission standards.
- 7) Noise during construction shall be controlled by various measures such as muffles, isolating the noise sources and providing enclosures to minimize noise by proper maintenance.
- 8) Green belt shall be developed as per approved Environment Management plan.
- 9) The area where liquid cargo would be handled all precautions should be taken for avoiding chemicals spillages during transfer from mother vessels. Waste from washing of tanks and equipments, oil spills etc. shall be collected suitably and treated depending on its characteristics and toxicity. Emergency holding tank shall be provided for collecting washing and spillages for proper treatment and disposal.



- 10) Detailed risk analysis of the various chemicals to be handled /transported and store at the port site shall be carried out and mitigation measures including disaster management plan shall be taken.
- 11) Details of the DG sets proposed to be provided within the port area should be furnished to the State Pollution Control Board. Adequate measures for control of noise and discharge of flue gases from DG set should be made as per Rules.
- 12) The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 13) Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 14) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 15) Whenever due to any accident or other unforeseen act or even, 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 Services, 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.
- 16) The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 17) The firm shall submit to this office, the 30th day of September every year , the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 18) The industry shall comply with the Hazardous Waste (M.H.&TM) Rules,2016 and submit the annual returns as per rule 5(6) & 22(2) of Hazardous Waste (M.H.&TM) Rules,2016 for the preceding year April to March in form –IV by 30th June of every year.
- 19) An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 20) The firm shall submit to this office, the 30th of day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed form V as per the provisions of rule 14 of the Environmental (Protection) (Second Amendment) Rules, 1992.
- 21) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.**
- 22) Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- 23) The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 24) The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 25) Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.

- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 26) The industry should not cause any nuisance in surrounding area.
- 27) 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 standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 28) The applicant shall maintain good housekeeping.
- 29) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 30) The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 31) The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 32) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 33) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 34) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dated 16.11.2009 as amended.
- 35) The applicant shall ensure that no unauthorized activity should take place within the port trust area and ensure that all necessary precautions and necessary arrangements are made for Environmental Protection.
- 36) The Consent is granted with the condition that the entire individual units, if any operating in the premises should apply separately for grant of Consent from MPC Board. The Port authority will be considered equally responsible in case of non- compliance of Environmental Norms. The port is also enjoined to take action against defaulters under IPA, 1908.

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