MAHARASHTRA POLLUTION CONTROL BOARD Kalpataru Point, 3rd & 4th floor, Sion- Matunga Scheme Road No. 8, Opp. Cine Planet Cinema, Near 4010437/4020781 Phone : /4037124/4035273 Sion Circle, Sion (E), MAHARASHTRA 24044532/4024068 /4023516 Mumbai - 400 022 : Fax enquiry@mpcb.gov.in Email : Consent No: Format 1.0/ BO/CAC-Cell/EIC No:-PN-21202-14/CAC/CA(-1686 http://mpcb.gov.in Visit At : Date- 12 /02/2015 M/s. Rasandik Engineerig Industries India Ltd. To, Plot No. E-82 & 83, MIDC, Ranjangaon, Tq. Shirur, Dist. Pune. Subject: Renewal of consent with increase in capital investment under RED : 1. Earlier Consent granted vide no. BO/APAE/EIC NO. PN-4095-09/R-491, dated category. Ref 2. Minutes of CAC meeting held on 09.09.2014 13.10.2010 Your application: CR1404000201 For: Renewal of consent with increase in capital investment under Section 26 of the Water (Prevention & 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 is granted for a period from 01.06 2014 to 28.02.2017. The actual capital investment of the industry is Rs.99.89 Crs (As per C. A. certificate submitted by the industry). 2. 3. The Consent is valid for the manufacture of -Ś Maximum Product / By-Product Name Quantity in MT/A $\mathbf{Sr.}$ 8424 MT/A Sheet Metal Components, Dies, Tools, Jigs, Checking No. Fixtures, Fuel Tanks etc (With Pretreatment & 1 Painting & PVC coating) 4. Conditions under Water (P&CP), 1974 Act for discharge of effluent: Disposal Standards to Permitted Description be achieved Sr. quantity of no. discharge (CMD) Recycle & On As per

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Schedule –I

Schedule –I

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Copy to:

- 1. Regional Officer Pune and Sub-Regional Officer- Pune2, MPCB, Pune. They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Mumbai.
- 3. CAC desk- for record & website updation purposes.

Rasandik Engineering Industries India Ltd, SRO Pune II/I/R/L/20242000

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### <u>Schedule-I</u>

Terms & conditions for compliance of Water Pollution Control:

- A] As per your application, you have provided the Effluent Treatment Plant (ETP) with the design capacity of 30 CMD.
  - B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act. 1986 and Rules made there under from time to time, whichever is stringent.

	1986 and Rules made ( Parameters	Standards prescribed by Board (If any) Limiting Concentration in mg/l, except for pH		
	I. Compulsory Parameters	Limiting Concentration in mg/ -/		
01	рН	10		
02	Oil & Grease	30		
03	BOD (3 days 27oC )	2100		
04	Total Dissolved Solids	100		
05	Suspended Solids	250		
06	COD	600		
07	Chloride	1000		
08	Sulphate	5.0		
09	Phosphate	5.0		

C] The treated effluent shall be recycled to maximum extent & remaining treated effluent shall be used on land of 2.22 acres for gardening

- A.] As per your consent application, you have provided the Septic Tank for domestic effluent.
- 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 does from time to time, whichever is stringent.

under fi	om time to time, which Suspended Solids.	Not to exceed	100
(1)	Suspended Solids.	Not to exceed	100
(2)	BOD 3 days 27oC.	NUL TO EXCECT	

2)

C] The treated sewage shall be soaked in soak pit & overflow if, any shall be used on land of 2.22 acres for gardening.

mg/l.

mg/l.

- 3) 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.
- 4) 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.

Rasandik Engineering Industries India Ltd, SRO Pune II/I/R/L/20242000

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5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

Polluti	on) Cess' Act, 1977 and up and up and up and a sin Form-I and other provisions as contained in the sa	na act.
return	s in Form-I and other provisions	Water consumption
Sr. no.	Purpose for water consumed	quantity (CMD)
	the second part of the second pa	
1	Industrial Cooling, spraying in mine pits or boiler	
1.	feed	10
		10
2.	Domestic purpose Processing whereby water gets polluted &	06
3.	Processing whereby water gets permit	
		0
4.		
-11	Processing whereby water gets permanent pollutants are not easily biodegradable and are	
		stand system as ner the
	the shall provide Specific Water Pollution	control system as per
) The	Applicant shall provide Specific Water Pollution	time to time/ Environmental
- and	tions of EP ACL 1700 and 1 === =	
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Rasandik Engineering Industries India Ltd, SRO Pune II/I/R/L/20242000

### <u>Schedule-II</u>

# Terms & conditions for compliance of Air Pollution Control:

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

ľ		Stack	APC System	Height in Mtrs.	Type Fuel	of	Quantity & UoM	S %	SO ₂ _{Kg/Day} 86.4
	<u>No.</u> 1	Attached To D.G.Set		5 Above roof level	HSD		180 Liters/Hr	1 70	
		(750 KVA)		3 Above	HSD				
	2	D.G.Set (500 KVA)		roof level				100	
	3	Paint booth Drying Oven 1		3 Above roof Level					
	4	Paint Booth Dryer Oven 2		3 Above roof level	1			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 to achieve the level of pollutants to the following standards: system

n,	so as to achieve t	Not to exceed 150	$mg/Nm^3$ .	
	Particulate	Not to exceed	111-B,	
	matter			_
		and the second	in a stational contro	1

4. The Applicant shall obtain necessary prior permission for providing additional contro 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.

6. 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).

Rasandik Engineering Industries India Ltd, SRO Pune II/I/R/L/20242000

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## Schedule-III Details of Bank Guarantees

r.	Consent (C to E/O/R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period 28.02.2017	Validity Date 30.06.20
0.	C to R	Rs. 10/- Lakhs		0 & M of Pollution control system		17
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### Schedule-IV

- 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 1) the terminal or designated points and shall pay to the Board for the services rendered in
- If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker. 2)
- Industry should monitor effluent quality, stack emissions and ambient air quality 3)
- 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 4) 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/
- 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 5) 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
- 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 6) of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 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 7) prescribed Form-V as per the provisions of rule 14 of the Environment (Protection)
- The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision 8) HW(MH&TM) recycled/processed/reused/recovered and only waste which has to be incinerated shall go contain to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- The industry should comply with the Hazardous Waste (MH & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & TM) 9) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- An inspection book shall be opened and made available to the Board's officers during 10)
- The applicant shall make an application for renewal of the consent at least 60 11) days before the date of the expiry of the consent.
- 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 12)1986 which are available on MPCB website(<u>www.mpcb.gov.in</u>).
- 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. 13)
- Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with 14) arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in
- designed and provided collection system. Neither storm water nor discharge from other premises shall be allowed to mix with the 15)
- 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 16)

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system. A register showing consumption of chemicals used for treatment shall be maintained.

- Conditions for D.G. Set 17)
- Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by a) treating the room acoustically.
- 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 b) 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. measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures. c)
- Installation of DG Set must be strictly in compliance with recommendations of DG Set d)
- A proper routine and preventive maintenance procedure for DG set should be set and manufacturer. followed in consultation with the DG manufacturer which would help to prevent noise e) levels of DG set from deteriorating with use
  - D.G. Set shall be operated only in case of power failure.
- The applicant should not cause any nuisance in the surrounding area due to operation of f) g)
- The applicant shall comply with the notification of MoER dated 17.05.2002 regarding h) noise limit for generator sets run with diesel
- The industry should not cause any nuisance in surrounding area.
- The industry shall take adequate measures for control of noise levels from its own 18) sources within the premises so as to maintain ambient air quality standard in respect of 19) 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.
- The applicant shall maintain good housekeeping. 20)
- 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 21) of trees surviving as on 31st March of the year and number of trees planted by September
- end, with the Environment Statement. 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 22) take necessary permissions from civic authorities for disposal of solid waste.
- 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 23) 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. The industry shall ensure that fugitive emissions from the activity are controlled so as to 24) maintain clean and safe environment in and around the factory premises.
- The industry shall submit quarterly statement in respect of industries' obligation towards consent and pollution control compliance's duly supported with documentary 25) evidences (format can be downloaded from MPCB official site).
- The industry shall submit official e-mail address and any change will be duly informed to 26)
- The industry shall achieve the National Ambient Air Quality standards prescribed vide 27) Government of India, Notification dt. 16.11.2009 as amended. -----0000-----

Rasandik Engineering Industries India Ltd, SRO Pune II/I/R/L/20242000