

1. Summary

- Name of the Project Proponent : Mr. Anil S. Rao
- Address of the Industry : M/s Pest Control (India) Pvt.Ltd.
:Plot No. 38 & 39, MIDC Taloja,
Village Navade, Taluka Panvel, Dist.
Raigad, Maharashtra.
- Presently the industry is having successful R&D setup for Bromadiolone Technical & formulation unit for Ethylene Oxide-Pure only. The project proponent is willing to manufacture 'Bromadiolone Technical (99% w/w)' of capacity 200 kg/month through this project.
- The existing R&D project has obtained valid Consent to Operate (CTO) from Maharashtra Pollution Control Board vide RONM/NNB/TALOJA/RED/O/CC/C-MPCB/15/52284 dated 11/05/2015 for R&D of Bromadiolone and for formulation of other pesticides CTO vide no. RONM/NNB/TALOJA/RED/O/CC/C-MPCB/14/10724, dated 19/11/2014 of 243.3 MT/month capacity.
- The Formulation would be discontinued for all the other products mentioned in the valid C.T.O RONM/NNB/TALOJA/RED/O/CC/C-MPCB/14/10724,dated 19/11/2014 except for Ethylene Oxide-Pure of capacity 3.63 MT/M.
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Component	Total
Production Capacity (Bromadiolone)	200 Kg/M
*Formulations (As per C.T.O RONM/NNB/TALOJA/RED/O/CC/C- MPCB/14/10724, dated 19/11/2014) (All 18 products by Mixing & Blending Only)	243.3 MT/M
Project Cost	2.0 Cr
EMP Cost	58 Lakh
Area	
i) Total plot area	5500.00
ii) Built-up area	1039.94
iii) Green belt area	939.2
iv) Parking area	660
Water Requirement	As per CTO: 40 CMD Actual : 33.4 CMD
Power Requirement	
Connected load (KW)	112

Maximum demand (KVA)	100	
Boiler Capacity	500 kg/hr	
D.G. Set	82.5 KVA	
Manpower (Nos.)	40 (max.)	
ETP Capacity	34 m ³ /day	
Effluent Generation	17.79 CMD	
Scrubber	11.77 CFM	
Hazardous Waste		
ETP sludge (Cat:35.3)	0.66 T/A (To CHWTSDF)	
Residue & Waste (Cat:29.1)	0.36 T/A (To CHWTSDF)	
Spent oil (Cat:5.1)	50 L/A (To authorized re-processor)	
Non Hazardous Waste		
Glass bottles and scrap metal	15 kg/month (To authorized re-processor)	
Stack Height		
Boiler stack	30 m	
Scrubber stack	5 m above roof	
D. G Set	5 m above ground	
Fuel requirement	Boiler (FO)	100 L/day
	D. G. Set (HSD)	10 L/hr (Will be used in case of power failure)

Sr.No	Components	Proposed mitigation measures to be adopted
1	Air	<ul style="list-style-type: none"> To disperse the gaseous pollutants effectively in the environment a 30 m high stack will be provided to Boiler. Alkali scrubber for mitigating the gases from manufacturing process.
2	Water	Existing ETP comprising of primary & tertiary treatment will be modified for adding secondary treatment. Therefore Full fledged ETP will be used for Treating the effluent.

3	Noise	Acoustic enclosure, Anti vibration pads, Appropriate PPE's & Green belt development.
4	Hazardous Waste	1. Disposal at CHWTSDf, Taloja. 2. Sold to authorized re-processors
5	Non Hazardous Waste	Will be sold to MPCB authorized vendors

** The Formulation would be discontinued for all the other products except for ethylene Oxide-Pure of capacity 3.63 MT/M.*