



ANDHRA PRADESH POLLUTION CONTROL BOARD
Dr. YSR Paryavaran Bhavan, APIIC Colony Road,
Gurunanak Colony, Autonagar, Vijayawada- 520007
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Amendment to CTO & HW Authorization order

Consent amendment order No: APPCB/VSP/20288/HO/CTO/2020 Dt. 06/12/2023

Sub: APPCB – Air – M/s. Maithan Alloys Limited, Plot No. 42, 43 &44, APSEZ, Atchuthapuram, Anakapalli – Industry's request for amendment of hazardous waste to non-hazardous waste category – CTO&HWA (Amendment) – Issued - Reg.

Ref:-

1. CTO order dt. 25.08.2020 valid upto 30.04.2025
2. Industry's request for CTO (Amendment) dt 19.10.2023
3. ZO, Visakhapatnam report dt. 17.11.2023.
4. Consent Management (CTO) committee meeting held on 29.11.2023.

- The Board vide order dt. 25.08.2020 issued CTO & HWA to the industry to manufacture ferro alloys – 1,20,00 TPA and Sintering plant – 28,000 TPA which is valid up to 30.04.2025. The industry has obtained authorization for process slag & dust of 79,200 TPA with a disposal option of shall be re-used in process or dispose to the brick units through APEMCL duly passing through TCLP test.
- Now the industry requested for amendment to the solid waste generated as following:
 - Amendment of processed slag namely Silico Manganese slag and Ferro Manganese slag under Non- hazardous category.

S.No.	Name of the Waste	As per CTO order dt. 25/08/2020 Quantity	Industry is request Quantity	Method of disposal as per CTO order dt. 25.08.2020	Industry request Method of disposal
1.	Process slag & dust	74,250 TPA	(429 TPD (or) 1,50,000 TPA)	Shall be re-used in process or dispose to the brick units through APEMCL duly passing through TCLP test.	To be reused for production of Silico Manganese(Si-Mn) High MnO/ Landfill/ disposed for brick manufacture industries (Low MnO)
2.	Dust from	1000 TPA	7000 TPA	Shall be re-used in	Recycled into the

	De-dusting Units			process or dispose to the authorized agencies through APEMCL duly passing through TCLP test	process
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III. The ZO, Visakhapatnam vide reference 3rd cited recommended to consider the request of the industry.

IV. The issue of CTO (Amendment) to the industry was placed in the CFO committee meeting held on 29.11.2023. The committee noted that the similar line of activity industries has issued the above solid waste in the Non-hazardous category. The APIIC has obtained EC for total SEZ. Hence, applicability of Environmental Clearance for enhancement of slag quantity does not arise.

V. The committee recommended to issue amendment to the CTO & HWA order to the industry under non-hazardous category for process slag & dust from de-dusting. The committee also recommended for enhancement of Process slag & dust from 74,250 TPA to 1,50,000 TPA and dust from de-dusting units 1000 TPA to 7000 TPA.

VI. The Board after careful examination of the ZO, Visakhapatnam report, industry's representation and recommendations of Consent Management (CTO) committee hereby issues the following amendment to the CTO & HWA Order issued by the Board vide ref 1st cited in favour of M/s. Maithan Alloys Limited under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary, Movement) Rules, 2016 and the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules'):

Amendment:

In the CTO order dt. 25.08.2020 at S. No. III "HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]": in "HAZARDOUS WASTES WITH RECYCLING OPTION" the table shall be read as follows:

S.No	Name of Waste	Category	Quantity	Mode of Disposal
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1.	Waste oil from DG sets	5.1 of Schedule - I	720 TPA	Shall be routed through M/s. APEMC to APPCB authorized re-processors or recyclers.
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In the CTO order dt. 25.08.2020 at S. No. III "HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]": at S. No. III "HAZARDOUS WASTE AUTHORISATION (FORM – II) [See Rule 6 (2)]" the following is incorporated:

Non - Hazardous:

S.No.	Name of the Waste	Quantity	Method of disposal
1.	Process slag & dust	429 TPD (or) 1,50,000 (TPA)	Fe Mn Slag (High MnO 26%-32%) -Shall be reused for production of Silico Manganese(Si-Mn). Fe Mn Slag (Low MnO 13%-16%)-Landfill/ disposed for brick manufacture industries. Si Mn Slag -Landfill/ disposed for brick manufacture industries.
2.	Dust from De-dusting Units	7000 TPA	Shall be recycled back into the process

All other conditions stipulated in the CTO & HWA order dt: 25.08.2020 including CTO validity shall remain same.

B SREEDHAR IAS, MS(BS), O/o MEMBER SECRETARY-APPCB

To

**M/s. Maithan Alloys Limited,
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Copy to:

1. The JCEE, Zonal Office, **Visakhapatnam** for information and necessary action.
2. The EE, Regional Office, **Visakhapatnam** for information and necessary action.