



## Acceptance Criteria Thermal Desorption Plant Deutzen SL1601090

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Opening hours: Mon - Fri 7:00 - 17:00 hrs

| Parameter  |         | Unit         |
|--|---------|--------------|
| Hydrocarbons   | 250.000 | ppm          |
| PAH (EPA)  | 20.000  | ppm          |
| PCB total  | 10.000  | ppm          |
| EOX  | 15.000  | ppm          |
| Cyanide total  | 5.000   | ppm          |
| Chlorine total   | 10.000  | ppm          |
| Sulphur total  | 10.000  | ppm          |
| Arsenic  | 200     | ppm          |
| Lead   | 20.000  | ppm          |
| Cadmium  | 80      | ppm          |
| Chrome total   | 10.000  | ppm          |
| Copper   | 20.000  | ppm          |
| Nickel   | 20.000  | ppm          |
| Mercury  | 150     | ppm          |
| Thallium   | 30      | ppm          |
| Zinc   | 40.000  | ppm          |
| PCDD/PCDF (only in case of suspicion!)                     | 100.000 | ppt TEQ NATO |
| TNT (only in case of suspicion!)                           | 10.000  | ppm          |
| Sum of explosive-connections (only in case of suspicion!)  | 60.000  | ppm          |
| AOX (halogen organic connections if Cl total > 10.000 ppm) | 10.000  | ppm          |
| AOS (organic Sulphur if S total > 10.000 ppm)              | 10.000  | ppm          |
| Calorific value  |         |              |
| Heavy metals/metals leachable                              |         |              |



In order to create the necessary documents of disposal (TFS-documents) and prior to the first delivery of the waste the waste producer has to submit an analysis according to the parameters above are required. Every contamination which is known by the waste producer has to be declared. Higher or other loads are permitted in exceptional cases after a requirement by the individual assessment by the licensing authority!

**Special requirements for the material:**

- the material may not contain radioactive nuclides, only in quantity and type which usually occur in nature;
- the material must be free from specific pathogens, such as genetically modified cells, viruses and spores;
- no asbestos allowed;
- delivered material must be delivered without atypical impurities (e.g. wood, metals, glass, plastics, garbage etc.);
- the material must be solid or semisolid, stackable and free of liquids or pure viscous phases;
- tar-chunks not bigger than 40 mm in diameter!
- sorting and disposal of impurities will be billed separately!

**Operational requirements:**

- the registration of the delivery has to be done at the scale! the instructions of the operating staff must be obeyed,
- the factory area may only be entered with appropriate health and safety equipment (shoes, disposable suits, if necessary masks (ABEKP3))
- considered speed limit on the entire factory side 10 km/h