



## BASIC REQUIREMENTS FOR PLASMIX and FINE PLASMIX RECOVERY PLANTS

### 1. Plant requirements

- Minimum equipment of the alternative fuel plant:
  - at least one shredder;
  - at least one metal separator;
  - an internal weighbridge with periodic calibration certificate metric chain capable of weighing 13.60 m semi-trailer trucks;
  - Plasmix/Plasmix Fine storage areas suitable for keeping the stocks of Plasmix, Plasmix Fine, alternative fuel and any waste and materials not under COREPLA's responsibility physically separated;
  - an area to allow the Plasmix quality control activities, where required by COREPLA, with the following characteristics:
    - a covered area not subject to the action of weather events (rain, sun/wind, snow) larger than 30 m<sup>2</sup> (minimum side of 5 m) adequately paved, stably delimited and not subject to the transit of vehicles;
    - a storage area of at least 15 m<sup>2</sup> adjacent (in any case at least 4 m from the boundary of the analysis area) to the area referred to in the previous point suitable for the storage of samples (pressed in bales or stored in containers) to be analysed.

Should COREPLA request the execution of quality control activities of the Plasmix, with a 15-day notice, the following equipment must be made available subsequently:

- Analysis area equipment:
  - scales reserved for quality analyses: capacity of at least 1,000 kg; scale division not exceeding 500 g; platform size 1,200 x 1,500 mm; zero adjustment; digital readout.
- Controls equipment:
  - availability of a grapple forklift for handling the pressed samples;
  - availability of one container suitable for storing samples of bulk material to be analysed
  - volume of at least 2 m<sup>3</sup>; loading diagonal of at least 2 m; flat bottom with sealable lid.



The following is optional equipment:

- in-line mechanical screen capable of separating material into at least two streams;
  - eddy current separator for non-ferrous metals;
  - PVC separating system (e.g. NIR optical selector);
  - press.
- Minimum equipment of the incineration plant: an internal weighing bridge with periodic calibration certificate metric chain capable of weighing 13.60 m semi-trailer trucks;

## 2. Authorisation requirements and certifications

- Minimum requirements:
  - All authorisations and fulfilments required by current legislation for the exercise of the Plasmix/Plasmix Fine treatment activity for quantities of at least 30 t/d and/or 3000 t/y. An authorised instantaneous storage of at least 500 t is also required for alternative fuel plants
  - Fire prevention certificate or equivalent
  - Water discharge authorisation (unless explicitly exempted in the authorisation) or equivalent document required by the applicable national legislation
  - Risk assessment document pursuant to Italian Legislative Decree 81/2008 as subsequently amended and supplemented or equivalent document required by the applicable national legislation
  - UNI EN ISO 9001 and 14001 certification (to be obtained within one year from the starting date of the Plasmix/Plasmix Fine treatment activity for plants that are not already a COREPLA supplier)
- Optional requirements:
  - EMAS certifications or equivalent



### **3. Contractual requirements for the alternative fuel preparation plants**

Operators of alternative fuel preparation plants must provide evidence of the contracts entered into with the operators of the final destination energy recovery plants and with the operators of the plants for the disposal of residues of preparation processes where used.

In particular, evidence must be provided of:

- one or more contracts with final destination plants duly authorised for energy recovery for a total amount of at least 3,000 tonnes/year;
- a copy of the valid authorisations of the final destination plant(s);
- if the final destination plants are incineration plants, a declaration signed by the operator of the destination plant certifying the value of the energy efficiency calculated as indicated in Note 4 of Annex C to Part IV of Legislative Decree 152/06 (for plants abroad, reference is made to the applicable national legislation);
- if the final destination plant is a foreign plant, a cross-border notification (Annex 1 A) duly signed by the Competent Authorities of shipment, transit and destination;
- a list of any disposal facilities for residues deriving from the alternative fuel preparation processes used in the last six months;
- a copy of the valid authorisations of the plants referred to in the previous point, which must include at least one of the operations D1, D14 and D15.

### **4. IT and connectivity requirements**

- Telephone line and Internet availability
- PC suitable for connection and data entry with the following minimum configuration:
  - Windows 10 operating system or higher
  - Java 8+
  - Microsoft Excel
  - Privileges: Machine administrator
- Ability to install AWS VPN client



- Internet browser
- Multi-page PDF scanner
- E-mail box
- Internet connection: ADSL >10 Mbit/s (20 Mbit/s recommended)

## **5. ACCREDITATION AUDIT**

The minimum requirements must be fulfilled during the verification audit, at the unquestionable judgement of the auditor appointed by COREPLA, and be subsequently maintained throughout the period of the contractual relationship with COREPLA. The auditor will also verify the existence of the optional requirements.