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Ref: Datasheet of emission output ref. Contr. P0663/2007, self-cleaning filter serial no. 047/2008.

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Best regards.

Mion Ventoltermica Depurazioni S.p.A.



1. EMISSION OF SELF-CLEANING BAG FILTER

1.1. TYPE OF DUST SUPPRESSOR:

- ☒ Fabric deduster (self-cleaning filter)
- ☐ Dry and wet scrubber
- ☐ Venturi scrubber
- ☐ Wet scrubbers
- ☐ Cyclone (Gravimetric separator).
- ☐ Multiple cyclone dry deduster (Gravimetric separator).
- ☐ Settling cabins.
- ☐ Other:

1.2. USE/ORIGIN OF POLLUTANTS:

Filtration of dusts from RDF processed at customer's premises.

1.3. CHARACTERISTICS OF SELF-CLEANING FILTER:

Bag filter, with compressed air cleaning, suitable for an air flow capacity of 44000 m³/h with discharge into big-bags.

Filter technical data:

Air capacity	44.000	m ³ /h
Filtering surface	376	m ²
Cross air velocity	1,95	m/1'
Load loss of the filter	800	Pa

1.4. EMISSION OUTPUT DATASHEET:

Emission output	No. 1
Type of output	Emission output
Inlet temperature*	20-30°C
Outlet temperature*	20-30°C
Emission height	9950 mm
Diameter of emission cross-section	1120 mm
Project max capacity	44000 m ³ /h
Chimney cross section	1 m ²
Speed of output flow	12,2 m/s
Particulate matter concentration	input

	output	< 5 mg/Nm ³
Type of abated material		Dusts from RDF
Type of filter cloth		Antistatic polyester needle felt
Weight of filter cloth		500 g/m ²
No. of sleeves		324
Diameter of sleeves		123 mm
Height of sleeves		3000 mm
Total filtering surface		376 m ²
Filtering speed		1,95 m/1'
Load loss*		800 Pa
Cleaning method of sleeves		Compressed air
Discharge type		Discharge into big bags
No. of ordinary maintenances per year		First maintenance after 100 hrs, afterwards every 1000 hrs each.**
Expected duration of ordinary maintenance		10 hrs
No. of extraordinary maintenances per year		Not expected
Expected duration of extraordinary maintenance		-

**Estimated values*

*** With constant maintenance and correct functioning of the bag filter.*