

TRM – Waste-to-Energy Plant Torino - Italy



SECOLAB® SCR DeNOx

Incineration:	Waste
Installation:	New Plant
Capacity:	3 x 22,5 t/h

Upstream Components: Martin Grate, CNIM steam boiler

TRM - Waste-to-Energy Plant

Torino - Italy



Client

TRM



Operator

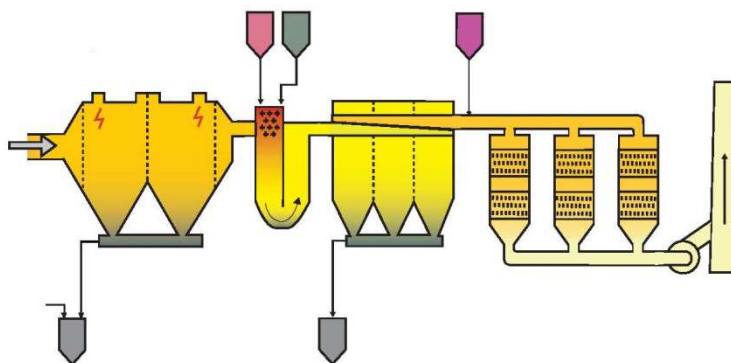
TRM



Start up

2013

TECHNOLOGY



SecoLAB[®] / CatalAB[®]

PERFORMANCE

Raw Gas / Guarantee	
Volume flow	3 x 138.000 Nm ³ /h wet
Temperature at FGC inlet	200 °C
Dust	3000 3
HCl	2000 5
SO ₂	400 10
HF	30 0,5
NOx	500 70
NH ₃	5
Hg	1 0,05
Heavy metals	200 0,3
Cd + Tl	3 0,03
Dioxins / Furans	4 0,05

Flue Gas Cleaning Technology:

- Fly ash recovery with ESP
- SecoLAB[®] dry system with sodium bicarbonate and recirculation of residues
- Combined SCR DeNOx / Dediox without reheating

All Pollutants in mg/Nm³, dry gas, corrected at 11 Vol.% O₂ except Dioxins in ng/Nm³

FEATURES



- Separation of fly ash and residues
- High efficiency dry system
- On-site regeneration of catalyst if needed
- Heat recovery with final economizer
- Very low emissions for HCl, SO₂, NOx and PCDD / PCDF

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