

Number of plants: 3
Average capacity: 68 t/h
Quantity treated 2004: 648.000 t



Portugal

General Information

Location	Name of Plant Web-site	Address of Plant
Funchal	Madeira www.valorambiente.pt	Rua dos Murças 15 9000 - 058 Funchal
Moreira da Maia	Central de Valorização Energética - LIPOR www.lipor.pt	Lugar de Cretins P.O. Box 3102 4471-907
S. Joao de Talha	Central de Tratamento de Resíduos Sólidos www.valorsul.pt	Plataforma Ribeirinha da CP 2696-801

Technical Information on the Plant

Location	Line No.	Establ. Year	Closure Year	Capac. t/h	Nom CV GJ/t	Furnace		Boiler		Steam Data oC/bar	Hours of Operat.2004
						Type	Supplier	Type	Supplier		
Funchal	1	2004	2027	8	7,5	F	Lurgi (Walzenrost system - Wupertal)	HW	Roller Grate/EWBeisenwerke Banmgarte	400/40	805
	2	2004	2027	8	7,5	F	Lurgi (Walzenrost system - Wupertal)	HW	Roller Grate/EWBeisenwerke Banmgarte	400/40	775
Moreira da Maia	1	1999		24,7	7,7	M	Martin	S	CNIM	395/43	
	2	1999		24,7	7,7	M	Martin	S	CNIM	395/43	
S. Joao de Talha	1	2000		28	7,8	M	Detroit Stoker	S	Foster Wheeler	420/52.7	6960
	2	2001		28	7,8	M	Detroit Stoker	S	Foster Wheeler	420/52.7	6827
	3	2002		28	7,8	M	Detroit Stoker	S	Foster Wheeler	420/52.7	7077
	4	2003		28	7,8	M	Detroit Stoker	S	Foster Wheeler	420/52.7	
	5	2004		28	7,8	M	Detroit Stoker	S	Foster Wheeler	420/52.7	

Operational data, 2004

Location	Total Incinerated Waste Quantity							Aux. Fuels	
	Total (tonnes)	Household (tonnes)	Commercial /Industrial (tonnes)	RFD, Pellets (tonnes)	Sludge (tonnes)	Hospital Waste (tonnes)	Other (Specify) (tonnes)	O: Oil (l)	G: Gas (Nm3)
Funchal	113.823							O:286071	
Moreira da Maia									
S. Joao de Talha	534.640	534.640						G:912671	

Portugal

Technical Information on the Plant

Location	Line No.	Flue Gas Cleaning System	ESP		Flue Gas Cleaning		Flue Gas Temp., °C
			Year	Supplier	Year	Supplier	
Funchal	1	SNCR, SD, FF	2004	---	2004	BHS / Lurgi / Gutsche	140
	2	SNCR, SD, FF	2004	---	2004	BHS / Lurgi / Gutsche	140
Moreira da Maia	1	SD/FF				CNIM/Hamon Reach-Contrell	155
	2	SD/FF				CNIM/Hamon Reach-Contrell	155
S. Joao de Talha	1	SNCR+SD+FF				EXXON/Alstrom	140-190
	2	SNCR+SD+FF				EXXON/Alstrom	140-190
	3	SNCR+SD+FF				EXXON/Alstrom	140-190
	4	SNCR+SD+FF				EXXON/Alstrom	140-190
	5	SNCR+SD+FF				EXXON/Alstrom	140-190

Operational data, 2004

Location	Residues		Energy Produced			Energy Sold		
	Bottom Ash (tonnes)	Flue Gas Res. (tonnes)	Steam (tonnes)	Electricity (MWh)	Heat (MWh)	Steam (tonnes)	Electricity (MWh)	Heat (MWh)
Funchal	22.638	3.477	260.240	48.475			35.070	
Moreira da Maia								
S. Joao de Talha	100.076	19.132	1.498.936	286.408			247.656	

