

Number of plants: 11  
Average capacity: 61 t/h  
Quantity treated 2004: 5.159.000 t



**Netherlands****General Information**

<b>Location</b>	<b>Name of Plant Web-site</b>	<b>Address of Plant</b>
Alkmaar	NV Huisvuilcentrale N-H <a href="http://www.huisvuilcentrale.nl">www.huisvuilcentrale.nl</a>	Jadestraat 1 1812RD Alkmaar
Amsterdam	Amsterdam <a href="http://www.afvalenergiebedrijf.nl">www.afvalenergiebedrijf.nl</a>	Australiehavenweg 21 Amsterdam
Dordrecht	Gevudo Afvalverwerking <a href="http://www.gevudo.nl">www.gevudo.nl</a>	Baanhoekweg 40 3313 LA Dordrecht
Duiven	Duiven <a href="http://www.avr.nl">www.avr.nl</a>	Rivierweg 20 6921 PZ Duiven
Hengelo	Hengelo <a href="http://www.twence.nl">www.twence.nl</a>	Boelderhoekweg 51 7554 RT Hengelo
Moerdijk	Afvalverbranding Zuid-Nederland (AZN) <a href="http://www.nvAZN.nl">www.nvAZN.nl</a>	Postbus 21 4780 AA
Roosendaal	SITA ReEnergy Roosendaal <a href="http://www.sita.nl">www.sita.nl</a>	Potendreef 2 4703 RK Roosendaal
Rotterdam	AVR Afvalverwerking Rotterdam <a href="http://www.avr.nl">www.avr.nl</a>	Brielselaan 175 (havennummer 1365) 3081 AC Rotterdam
Rozenburg	AVR Afvalverwerking Rozenburg <a href="http://www.avr.nl">www.avr.nl</a>	Prof. Gerbandyweg 10 (havennummer 4506) 3197 KK Rozenburg
Weurt	ARN Nijmegen <a href="http://www.arnbv.nl">www.arnbv.nl</a>	Nieuwe Pieckelaan 1 Nijmegen
Wijster	Wijster <a href="http://www.essent.nl">www.essent.nl</a>	Vamweg 7 Wijster

**Netherlands**

**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		
Alkmaar	1	1996	2021	18,5	10	M	De Schelde	S	Von Roll / De Schelde	400/40	7933
	2	1996	2021	18,5	10	M	De Schelde	S	Von Roll / De Schelde	400/40	8191
	3	1996	2021	18,5	10	M	De Schelde	S	Von Roll / De Schelde	400/40	8152
	4	2005		27,5	9,8		EisenWerk Baumgarte	S	Von Roll / EisenWerk Baumgarte	400/	
Amsterdam	1	1993		26	9,7	M	W&E	S	NEM	430/43	8573
	2	1993		26	9,7	M	W&E	S	NEM	430/43	7879
	3	1993		26	9,7	M	W&E	S	NEM	430/43	8011
	4	1993		26	9,7	M	W&E	S	NEM	430/43	8547
Dordrecht	1	1992		8	8,4	M	Martin	S	Wehrle	400/40	8110
	2	1973		7	8,4	M	Martin		Wehrle		8110
	3	1973		7	8,4	M	Martin		Wehrle		8110
	4	1990		8	8,4	M	Martin	S	Wehrle	400/40	8110
Duiven	1	1975		15	8,4	R	De Schelde	S	Durr/DBA	400/40	7454
	2	1975		15	8,4	R	De Schelde	S	Durr/DBA	400/40	8163
	3	1975		15	8,4	R	Stork Ketels	HW	Durr/DBA	180/15	7858
Hengelo	1	1997		18	10	M		S		415/40	8150
	2	1997		18	10	M		S		415/40	8150
Moerdijk	1	1997		26,5	11	M	Von Roll	s	vRoll/De Schelde (KMS)	400/100	7949
Roosendaal	1	1995		4	8,4	M		WW		/	8032
	2	1995		4	8,4	M		WW		/	8033
Rotterdam	1	1962		13,5	8,4	M	Martin	S	Wehrle	360/30	8168
	2	1962		13,5	8,4	M	Martin	S	Wehrle	360/30	7682
	3	1962		13,5	8,4	M	Martin	S	Wehrle	360/30	7916
	4	1962		13,5	8,4	M	Martin	S	Wehrle	360/30	8134
Rozenburg	1	1972		25	7,5	M	Babcock Dürr	S	Babcock Dürr	370/27	
	2	1972		25	7,5	M	Babcock Dürr	S	Babcock Dürr	370/27	
	3	1972		25	7,5	M	Babcock Dürr	S	Babcock Dürr	370/27	
	4	1972		25	7,5	M	Babcock Dürr	S	Babcock Dürr	370/27	
	5	1972		25	7,5	M	Babcock Dürr	S	Babcock Dürr	370/27	
	6	1972		25	7,5	M	Babcock Dürr	S	Babcock Dürr	370/27	
	7	1994		31,3	9,3	M	Babcock	S	Babcock NEM	370/27	
Weurt	1	1987		9	15,5	M	Noell	S	Standaard Fasel	400/40	8060
	2	1995		21	13,5	M	Noell	S	NEM	400/40	8060
Wijster	1	1996		24	9	M	Lurgi (Lentjes)	S	J. Stiefel/ Lentjes Industriekessel	405/41 (g)	8240
	2	1996		24	9	M	Lurgi (Lentjes)	S	J. Stiefel/ Lentjes Industriekessel	405/41 (g)	7640
	3	1996		24	9	M	Lurgi (Lentjes)	S	J. Stiefel/ Lentjes Industriekessel	405/41 (g)	8073

**Netherlands**

**Technical Information on the Plant**

Location	Line No.	Flue Gas Cleaning System	ESP		Flue Gas Cleaning		Flue Gas Temp., °C
			Year	Supplier	Year	Supplier	
Alkmaar	1	ESP/SD/WET/O/FF/SCR	1996	Lurgi	1996	Von Roll	140
	2	ESP/SD/WET/O/FF/SCR	1996	Lurgi	1996	Von Roll	140
	3	ESP/SD/WET/O/FF/SCR	1996	Lurgi	1996	Von Roll	140
	4		2005	Elex	2005	Von Roll	
Amsterdam	1	ESP/SD/WET/AC/SNCR	1993	Lurgi	1993	LAB	60
	2	ESP/SD/WET/AC/SNCR	1993	Lurgi	1993	LAB	60
	3	ESP/SD/WET/AC/SNCR	1993	Lurgi	1993	LAB	60
	4	ESP/SD/WET/AC/SNCR	1993	Lurgi	1993	LAB	60
Dordrecht	1	ESP/WET/DeNOx				Lurgi	
	2	ESP/WET/DENOX				Lurgi	
	3	ESP/WET/DENOX				Lurgi	
	4	ESP/WET/DENOX				Lurgi	
Duiven	1	SNCR/ESP/WET	1975	Lurgi	1994	von Roll	65
	2	SNCR/ESP/WET	1975	Lurgi	1994	von Roll	65
	3	SNCR/ESP/WET	1975	Lurgi	1994	von Roll	70
Hengelo	1	ESP/SD/WET/FF/SCR					
	2	ESP/SD/WET/FF/SCR					
Moerdijk	1	ESP/WET/SNCR/AC+FF		Rothemuehle		Von Roll / Thyssen	100
Roosendaal	1	ESP, SD, FF, AC, SCR					
	2	ESP, SD, FF, AC, SCR					
Rotterdam	1	ESP/WET/AC/DeNOx				Steinmüller	
	2	ESP/WET/AC/DENOX				Steinmüller	
	3	ESP/WET/AC/DENOX				Steinmüller	
	4	ESP/WET/AC/DENOX				Steinmüller	
Rozenburg	1	ESO/WET/AC/SCR					300
	2	ESO/WET/AC/SCR					300
	3	ESO/WET/AC/SCR					300
	4	ESO/WET/AC/SCR					300
	5	ESO/WET/AC/SCR					300
	6	ESO/WET/AC/SCR					300
	7	ESO/WET/AC/SCR					300
Weurt	1	ESP/SD/WET/SCR/FF				Noell	
	2	ESP/SD/WET/SCR/FF				Noell	
Wijster	1	ESP/SD/FF/WET/SCR/O(CAT)	1996	Lurgi	1996	Lurgi	235
	2	ESP/SD/FF/WET/SCR/O(CAT)	1996	Lurgi	1996	Lurgi	235
	3	ESP/SD/FF/WET/SCR/O(CAT)	1996	Lurgi	1996	Lurgi	235

**Netherlands**  
**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) B: Biomass (t) S: Sundry (spec.)
Alkmaar	458218				0	0	0	G:5445906
Amsterdam	877351	528963	283552	0	23981	9733	31122	
Dordrecht	206991	123100	83891					
Duiven	335738	207815	127923					O:110075
Hengelo	307029	216029	91000					
Moerdijk	655791	478553	177238	0	0	0	0	G:979459
Roosendaal	55166	yes	yes	none	99	none	none	G:1071950
Rotterdam	385000	75%	25%	0	0	some	some	
Rozenburg	1125000	80%	20%	none	none	none	liquid was	
Weurt	269585			269585				
Wijster	483119	not specif	not specif	0	0	0	0	

**Netherlands**  
**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)
Alkmaar	117789	6013	1449557	311114	0	0	233777	0
Amsterdam	261203	10965	2649987	591568	39512		508080	39512
Dordrecht	53900	4140	331000	65433				
Duiven	85247	6539		159524			113707	
Hengelo	73800	8461	941000	181000			153000	
Moerdijk	150721	15886	2118344	0	0	2118344	0	0
Roosendaal	35042	1230		none	140000		none	52806
Rotterdam	80000	5400	850000	183000	none	none	115000	none
Rozenburg	253000	42000	2952000	497000	none	not known	429000	567500
Weurt	60701	16080	982000	190838			158677	
Wijster	140104	9600	1645448	355971	7180	0	299016	0

