

## References Dry ESP

Company	Process	System	Crude Gas m <sup>3</sup> /h	Operation Temp. °C	
Izocam Tarsus (Türkei)	Solids from glass melter	Horizontal Hot Gas Dry Type Electrostatic Precipitator - two field -	46,454	700	2020
KNAUF Insulation Johor (Malaysia)	Solids from glass melter	Horizontal Hot Gas Dry Type Electrostatic Precipitator - three field -	59,852	270	
AGT MDF II Antalya (Turkey)	Particles and ash from biomass combustion plant for MDF dryer	Horizontal Hot Gas Dry Type Electrostatic Precipitator	388,966	320	
AGT MDF I Antalya (Turkey)	Particles and ash from biomass combustion plant for MDF dryer	Horizontal Hot Gas Dry Type Electrostatic Precipitator	589,976	380	
SWISS KRONO Barnwell, South Carolina (USA)	Particles and ash from biomass combustion plant of MDF production	Horizontal Hot Gas Dry Type Electrostatic Precipitator	577,302	380	
TVM Thermische Verwertung Mainz (Germany)	Particles and heavy metal from sewage sludge incineration	Horizontal Hot Gas Dry Type Electrostatic Precipitator	54,822	180	
SWISS KRONO Sharya (Russia)	Particles and ash from biomass incineration	Horizontal Hot Gas Dry Type Electrostatic Precipitator	350,000	480	
Guardian Oroshaza Oroshaza (Hungary)	Solids, SO <sub>x</sub> , HCl, HF, NO <sub>x</sub> from float glass smelting furnace	Optimisation Hot Gas Dry ESP, Sorption, Cooling and SCR DeNO <sub>x</sub> Catalyzer with ammonia injection	213,686	350	
Guardian Llodio Llodio (Spain)	Solids, SO <sub>x</sub> , HCl, HF, NO <sub>x</sub> from float glass smelting furnace	Quench, Dry Sorption, Horizontal Dry Type Electrostatic Precipitator, SCR DeNO <sub>x</sub> Catalyzer with ammonia injection	289,779	550	
Egger Drevprodukt Gagarin (Russia)	Particles and ash from biomass incineration	Horizontal Hot Gas Dry Type Electrostatic Precipitator	496,673	460	
Homanit Krosno (Poland)	Particles and ash from biomass incineration	Horizontal Hot Gas Dry Type Electrostatic Precipitator	556,800	350	
SKW Metallurgy Sundsvall (Sweden)	Solid separation from carbide furnace	Horizontal Dry Type Electrostatic Precipitator	15,780	380	
Swedspan Polska Orlao (Poland)	Solids and ash from biomass incineration	Horizontal Hot Gas Dry Type Electrostatic Precipitator	331,651	350	
Agenda Glas Gardelegen (Germany)	Solids, SO <sub>x</sub> , HCl and HF from glass smelting furnace	Lime Dry Sorption Horizontal 3-step Dry Type Electrostatic Precipitator and SCR DeNO <sub>x</sub> System	94,600	480	
Beatson Clark Rotherham (Great Britain)	Solids and dust from glass smelting furnace	Horizontal 2-step Dry Type Electrostatic Precipitator	165,000	430	

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Saint-Gobain Polska Gliwice (Poland)	Solids and dust from glass smelting furnace	Horizontal 2-step Dry Type Electrostatic Precipitator	30,512	400
O-I Owens-Illinois Dubi (Czech Republic)	Dust, particle, sulphur oxides and chlorides from 2 gas/air glass smelting furnace	Horizontal 2-field Hot-Gas Dry Type Electrostatic Precipitator with Alkaline Sorption	131,930	454
Saint-Gobain Isover G+H Ploiesti (Rumania)	Dust and particles from Oxy-Fuel glass smelting furnace	Horizontal 2-step Dry Type Electrostatic Precipitator	44,408	450
Gen. Electric Hungary Rt. Vác (Hungary)	Solids from Oxy-Fuel glass smelting furnace	Horizontal 2-step Dry Type Electrostatic Precipitator	41,765	350
URSA Delitzsch (Germany)	Solids from Oxy-Fuel glass smelting furnace	Horizontal 2-step Dry Type Electrostatic Precipitator	41,268	350
JSC-TNK-BP Ryazan (Russia)	Solid separation of spent acid regeneration at petrochemical industry	Horizontal 3-step Dry Type Electrostatic Precipitator	36,805	445
Gen. Electric Hungary Rt. Vác (Hungary)	Solids from Oxy-Fuel glass smelting furnace	Horizontal 2-step Dry Type Electrostatic Precipitator	9,000	450
EZR Richi GmbH Weiningen (Switzerland)	Dust from biomass boiler with wood incineration	Horizontal Dry Type Electrostatic Precipitator	67,700	220
Gen. Electric Hungary Rt. Nagykanizsa (Hungary)	Dust from glass smelting process	Horizontal Dry Type Electrostatic Precipitator	62,800	400
Kronospan Ltd. Chirk (Great Britain)	Wood fired boiler for incineration of bark, waste wood, chip- and MDF board waste	Horizontal 2-step Dry Electrostatic Precipitator	237,000	350
Grünzweig + Hartmann AG Lübz (Germany)	Dust from glass smelting process	Horizontal 3-Field Dry-Electrostatic Precipitator	40,000	400
OWA GmbH Amorbach (Germany)	Dust, chlorides, fluorides from basalt/glass smelting process	Horizontal 2-Field Dry-Electrostatic Precipitator with scrubbing-reactor	74,000	400
Grünzweig + Hartmann AG Ladenburg (Germany)	Flue gases from glass smelting process	Horizontal 2-Field Dry-Electrostatic Precipitator	170,000	400
Rhein. Braunkohlenwerke Köln (Germany)	Lignite drying	Vertical Dry type ESP	416,000	103