



References of POSCO

CONTENTS

SUMMARY OF REFERENCE

PART. A **FLUE GAS TREATMENT SYSTEMS**

- ▶ S.D.R (Semi Dry Reactor) SYSTEM
- ▶ De-NOx (De-Noxification) SYSTEM

PART. B **DUST COLLECTION SYSTEMS**

- ▶ ELECTROSTATIC PRECIPITATOR (Dry type)
- ▶ ELECTROSTATIC PRECIPITATOR (Wet type)
- ▶ FLUE GAS CONDITIONING SYSTEM
- ▶ FABRIC FILTER SYSTEM
- ▶ WET SCRUBBERS

PART. C **OTHERS**

- ▶ ENERGY SAVING FAN

Summary of reference

PART. A	FLUE GAS TREATMENT SYSTEM	Project	Unit
	▶ S.D.R (Semi Dry Reactor) SYSTEM	3	6
	▶ De-NOx (De-Noxification) SYSTEM	2	5
PART. B	DUST COLLECTION SYSTEM		
	▶ ELECTROSTATIC PRECIPITATOR (Dry type)	26	30
	▶ ELECTROSTATIC PRECIPITATOR (Wet type)	16	16
	▶ FLUE GAS CONDITIONING SYSTEM	1	1
	▶ FABRIC FILTER SYSTEM	19	24
	▶ WET SCRUBBER SYSTEM	5	5
PART. C	OTHERS		
	▶ ENERGY SAVING FAN	1	1

No.	Customer & Location	Application Date	Start-Up	Gas Vol. (Am ³ /min)
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PART. A FLUE GAS TREATMENT SYSTEM

► SDR(Semi Dry Reactor) SYSTEM

1	POSCO / Pohang Steel Mill Waste Incineration Plant	Incinerator(Rotary kiln) 100TPD	1999	980
2	POSCO / Gwangyang Steel Mill Sinter Plant #1~4 (Flue Gas Cleaning System) NaHCO ₃ Injection System	Sinter plant De-NOx, De-SOX, De-Dioxin	2006	34,040 x4
3	POSCO / Gwangyang Steel Mill Sinter Plant #5 (Flue Gas Cleaning System) NaHCO ₃ Injection System	Sinter plant De-NOx, De-SOX, De-Dioxin	2010	44,322 x1

► De-NOx(De-Noxification) SYSTEM

1	POSCO / Gwangyang Steel Mill Sinter Plant #1~4 (Flue Gas Cleaning System) (SCR System w/Ammonia)	Sinter plant De-NOx, De-SOX, De-Dioxin	2007	34,040 x4
2	POSCO / Gwangyang Steel Mill Sinter Plant #5 (Flue Gas Cleaning System) NaHCO ₃ Injection System	Sinter plant De-NOx, De-SOX, De-Dioxin	2010	44,322 x1

PART. B DUST COLLECTION SYSTEM

► ELECTROSTATIC PRECIPITATOR (Dry type)

1	POSCO / Pohang Steel Mill Sinter Plant No. 1	Sinter machine process	1985	10,500
2	POSCO / Pohang Steel Mill Sinter Plant No. 2	Sinter machine process	1986	18,000
3	POSCO / Gwangyang Steel Mill Blast Furnace Stockhouse No. 1	Raw Mt'l handling nuisance control	1987	15,760
4	POSCO / Pohang Steel Mill Material Cracking No. 1 & 2	Raw Mt'l handling nuisance control	1987	6,000
5	POSCO / Pohang Steel Mill Steel Manufacturing Converter No. 2	Converter nuisance control	1988	15,000
6	POSCO / Pohang Steel Mill Sinter Plant No. 3	Sinter machine environment	1988	14,700
7	POSCO / Pohang Steel Mill Sinter Plant No. 3	Sinter machine process	1988	17,000 x 2
8	POSCO / Gwangyang Steel Mill Blast Furnace Stockhouse No. 3	Raw Mt'l handling nuisance control	1989	12,000

No.	Customer & Location	Application Date	Start-Up	Gas Vol. (Am ³ /min)
9	POSCO / Pohang Steel Mill Steel Manufacture Converter No. 1	Converter nuisance control	1990	10,000 x 2
10	POSCO / Pohang Steel Mill Cast Iron Sinter Plant	Sinter machine process	1990	3,600
11	POSCO / Pohang Steel Mill Source Factory No. 2	Raw Mt'l handling nuisance control	1991	7,000
12	POSCO / Gwangyang Steel Mill Blast Furnace No. 4 Stockhouse	Raw Mt'l handling nuisance control	1991	12,000
13	POSCO / Pohang Steel Mill Sinter Plant No. 1 (Repair & Modification)	Sinter machine environment	1993	7,200
14	POSCO / Pohang Steel Mill Sinter Plant No. 1 (Repair & Modification)	Sinter machine process	1993	7,000
15	POSCO / Pohang Steel Mill Sinter Plant No. 2 (Extension Work)	Sinter machine process	1994	6,000
16	POSCO / Pohang Steel Mill Sinter Plant No. 2 (Internal Exchange & Modification)	Sinter machine environment	1994	10,200
17	POSCO / Pohang Steel Mill Sinter Plant No. 3 (Extension Work)	Sinter machine process	1995	11,400
18	POSCO / Gwangyang Steel Mill Converter No. 1 & 2 (Internal Exchange Work)	Furnace process	1996	3,000
19	POSCO / Pohang Steel Mill Sinter Plant No. 2 (Repair & Modification Work)	Sinter machine process	1997	18,000
20	POSCO / Pohang Steel Mill Sinter Plant No. 2	Sinter machine environment	1997	10,200
21	POSCO / Gwangyang Steel Mill Sinter Plant No. 4 (Internal Part Exchange & Modification)	Sinter machine process	2004	19,000 x 2
22	POSCO / Gwangyang Steel Mill Sinter Plant No. 3 (Exchange Work #1&2)	Sinter machine process	2006	12,825 x 2
23	POSCO / Pohang Steel Mill No. 3 Sinter Plant (Internal Part Exchange & Modification)	Sinter machine environment	2006	14,700
24	POSCO / Gwangyang Steel Mill Cold Mill No.1	Hydrochloric acid facilities	2006	1,495

No.	Customer & Location	Application Date	Start-Up	Gas Vol. (Am ³ /min)
25	POSCO / Gwangyang Steel Mill Sinter Plant No. 2	Desulphurization plant	2007	10,886
26	POSCO / Gwangyang Steel Works Sinter Plant No. 2 (Internal Part Exchange & Modification)	Sinter Machine Process	2007	12,600

► ELECRTOSTATIC PRECIPITATOR (Wet type)

1	POSCO / Pohang Steel Mill No. 1 TLC Slag Discharge Plant (Vertical Flow, Hexagonal C.E)	TLC slag disposal system	1985	3,000
2	POSCO / Pohang Steel Mill No. 2 TLC Slag Discharge Plant (Vertical Flow, Hexagonal C.E)	TLC slag disposal system	1986	5,000
3	POSCO / Gwangyang Steel Mill No. 1 TLC Slag Discharge Plant (Vertical Flow, Hexagonal C.E)	TLC slag disposal system	1986	3,000
4	POSCO / Pohang Steel Mill No. 2 Hot Strip Mill	Hot strip mill	1986	4,500
5	POSCO / Pohang Steel Mill Pohang Steel Works No. 1 Hot Strip Mill	Hot strip mill	1988	2,000
6	POSCO / Gwangyang Steel Mill No. 3 TLC Slag Discharge Plant (Vertical Flow, Hexagonal C.E.)	TLC slag disposal system	1990	3,000
7	POSCO / Gwangyang Steel Mill No. 4 TLC Slag Discharge Plant (Vertical Flow, Hexagonal C.E.)	TLC slag disposal system	1992	6,000
8	POSCO / Gwangyang No. 2 Scarfer	Scarfer M/C Unit #4	1992	2,500
9	POSCO / Pohang No. 2 Hot Strip Mill	Hot Strip Mill	1994	5,000
10	POSCO / Gwangyang Steel Mill No. 1 Finishing Mill	Finishing mill	1998	7,100
11	POSCO / Pohang Steel Mill No. 3 TLC Slag Discharge Plant (Vertical Flow, Hexagonal C.E)	TLC slag disposal system	2001	3,000
12	POSCO / Pohang Steel Mill No. 4 TLC Slag Discharge Plant (Vertical Flow, Hexagonal C.E)	TLC Slag disposal system	2001	6,000
13	POSCO / Pohang Steel Mill No. 3 Stainless Billet Auto-Cutting Plant	STS TCM Fume exhaust	2002	2,000
14	POSCO / Gwangyang Steel Mill No. 2 Thin Slab Casting & Rolling Plant (No.2 Mini Mill Plant)	Finishing mill	2005	4,141

No.	Customer & Location	Application Date	Start-Up	Gas Vol. (Am ³ /min)
15	POSCO / Gwangyang Steel Mill Mini Mill(Repair work)	Hot coil FM process	2005	3,500
16	POSCO / Gwangyang Steel Mill No. 2 Scarfer	Scarfer M/C unit #2	2007	5,000

► FLUE GAS CONDITIONING SYSTEM

1	POSCO / Pohang Steel Mill No. 2 Sinter Plant (SO ₃ Injection System)	Sinter machine process	1992	18,000
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► FABRIC FILTER SYSTEM

1	POSCO / Pohang Steel Mill No. 2 Lime Calcining Plant	Lime calcining	1980	155
2	POSCO / Pohang Steel Mill No. 2 Lime Calcining Plant	Lime calcining	1980	100
3	POSCO / Pohang Steel Mill No. 2 Coke Plant No. 1,2,3 and 4 Coal Crusher	Coal	1984	2,300
4	POSCO / Pohang Steel Mill Electrical Steel Sheet Plant HCL Line	MgO	1984	1,000
5	POSCO / Pohang Steel Mill 2 Coke Plant No. 3 Cutter	Coke	1984	950
6	POSCO / Pohang Steel Mill No. 3 Bunker	Coke #2	1984	850
7	POSCO / Gwangyang Steel Mill No. 1 Blast Furnace Plant Air Filter for Blast Furnace Fan	Fan inlet air filter	1986	7,800
8	POSCO / Gwangyang Steel Mill No. 1 Blast Furnace Plant	Cast house nuisance	1986	11,000
9	POSCO / Pohang Steel Mill New Foundry Pig Iron Blast Furnace Air Filter for Pig Iron Blast Furnace Fan	Air filter for new foundry Pig iron blast furnace fan	1989	2,500
10	POSCO / Pohang Steel Mill Hansol Paper Co., Ltd.	Fabric filter Stock house for B.F #1 & blending bin	1996	3,000
11	POSCO / Pohang Steel Mill No.1 Blast Furnace	Bag house for Blast furnace source #1 Material bin nuisance	1997	8,000
12	POSCO / Pohang Stainless Steel Wax Cleaning House	Bag house for Wax cleaning house nuisance	1998	1,000

No.	Customer & Location	Application Date	Start-Up	Gas Vol. (Am ³ /min)
13	POSCO / Pohang	Incinerator(Rotary kiln) 100TPD	1999	980
14	POSCO / Pohang Steel Mill No. 2 Cokes Plant	Coke oven	2001	5,153 x 2
15	POSCO Machinery & Eng. Co., Ltd. Pohang Steel Works No. 1 Cold Mill R/S Dull Machine	Bag filter for Cold mill #1	2001	250
16	POSCO / Pohang Steel Mill No. 2 Steel Plate Plasma Cutting Plant	Bag filter for steel plate plasma #2 Cutting machine	2002	500
17	POSCO / Pohang Steel Mill No. 2 Steel Manufacturing	Cleaning for crane Upper deck # 1&2	2004	80 x2
18	POSCO / Gwangyang Steel Mill Sinter Plant #1~4 (Flue Gas Cleaning System) Pulse Jet Type	Sinter plant	2006	34,040 x4
19	POSCO / Gwangyang Steel Mill Sinter Plant #5 (Flue Gas Cleaning System) Pulse Jet Type	Bag filter for Sinter plant	2010	44,322 x1

► WET SCRUBBER SYSTEM

1	POSCO / Pohang Steel Mill No. 1 TLC Slag Discharge Plant (Turbulent Contact Adsorption Type)	TLC slag Disposal System	1985	3,000
2	POSCO / Gwangyang Steel Mill No. 1 TLC Slag Discharge Plant (Turbulent Contact Adsorption Type)	TLC slag Disposal system	1987	3,000
3	POSCO / Gwangyang Steel Mill No. 3 TLC Slag Discharge Plant (Turbulent Contact Adsorption Type)	TLC slag Disposal system	1989	3,000
4	POSCO / Gwangyang Steel Mill No. 4 TLC Slag Discharge Plant (Turbulent Contact Adsorption Type)	TLC slag Disposal system	1991	6,000
5	POSCO / Pohang Gwangyang Steel Mill No. 2 Hot Strip Mill Plant (Venturi Scrubbing Type)	Fume exhaust system	2000	1,600

PART. C OTHERS

► ENERGY SAVING FAN

1	POSCO / Pohang Steel Mill No. 2 Steel Manufacturing Converter (I.D. Fan Re-Vamping)	Converter Nuisance control	2004	15,000
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