

Coke Oven

Project	Start	Completion	Location	Client	Capacity	
POSCO Pohang Steelworks						
Extension of the Coke Plant Stage 5	Oct. 2005	Nov. 2007	Pohang Steelworks	POSCO	620,000 T/Y	<p>A new 5A coke oven battery was planned to meet the demand for the improvement of productivity in blast furnace. 5A battery was located next to existing 5B battery and its coke productivity is the same as 5B battery.</p> <ul style="list-style-type: none"> - Coke Oven Battery 1set (75 Ovens) - Gas Refinery Plant <ul style="list-style-type: none"> . P.G.C 22,000 Nm³/Hr 1set . COG Blower 60,000 Nm³/Hr 1set
POSCO Gwangyang Steelworks						
Desulfurization Plant for Gas Refinery Plant	Mar. 2005	Jan. 2007	Gwangyang Steelworks	POSCO	6,800 Nm ³ /H	<p>The desulfurization plant was planned to prevent SOx emission in the air during the scheduled maintenance period(40 days/year). Also, the installation of desulfurization plant helps the improvement of environmental condition and prevents the surface quality deflection of rolling mill product. POSCO E&C executed basic & detail engineering, equipment supply, supervision and commissioning.</p> <ul style="list-style-type: none"> - Catalytic Oven Reactor: 6,800 Nm³/Hr *1set - Claus Reactor: 6,800 Nm³/Hr *1set - HP & LP Cooler: 40/3.5 bar *1set - Sulfur Con. & Separator: 6,800 Nm³/Hr *1set - Sulfur Storage System: 135m³ *1set
CDQ for the Coke Plant Stage 4	Dec. 2003	Aug. 2005	Gwangyang Steelworks	POSCO	180 T/H (Dry Coke)	<p>The traditional wet coke quenching system had been used in stage 5 coke plant. CDQ(Coke Dry Quenching) was adopted instead of existing wet quenching system. CDQ improved the energy recovery and the quality of coke for blast furnace which has been aiming at high productivity.</p> <ul style="list-style-type: none"> - Turbine Generator: 29.7 MW - Waste gas Boiler : 105 T/H - Bucket Crane: 67.5 Ton - Demineralized water facility : 65 T/H - Cooling Water System : 1,400m³/H * 6sets - Dedusting unit : 1,520 Nm³/min