<table>
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<th>Project</th>
<th>Start</th>
<th>Completion</th>
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<tr>
<td>India IISCO Project</td>
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<td>Mar. 2010</td>
<td>IISCO at Burnpur, West Bengal, India</td>
<td>IISCO Steel Company (India)</td>
<td>8,000 T/D</td>
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<td>Iran TAVAZON Project</td>
<td>Jun. 2002</td>
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<td>POSCO Gwangyang Steelworks</td>
<td>Jul. 2006</td>
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<td>POSCO Pohang Steelworks</td>
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<td>10,670 T/D</td>
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<td>Feb. 2003</td>
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The capacity of plant is 2,500 million tons of hot metal in annual. This project is ordered by IISCO Steel Co. (IISCO Co.) and won by POSCO E&C's consortium with NCC/Natlumi Construction Company which is the POSCO E&C's first project in India.

- Inner Volume : 4,105㎥
- Construction Periods : 30 Months
- Method of Furnace Proper Cooling : Copper Stave + Cast Iron Stave Cooler
- Application of Automatic System for Casthouse & EIC Integrated Control System

The capacity of plant is 2,600 million tons in annual. This project was performed to increase the steel making production capacity of IISCO Steel Company in Iran from 2,600 million tons to 4,000 million tons. And this is the POSCO E&C's first overseas project through competitive bid.

- Inner Volume : 5,050㎥
- Method of Furnace Proper Cooling : Copper Stave + Cast Iron Stave Cooler
- Application of Automatic System for Casthouse & EIC Integrated Control System

The capacity of plant is 3,51 million tons of hot metal in annual. And to shorten the shut down periods, POSCO E&C applied the Method of Construction, "Large Block Ring Construction Method", as 3 Layers 3 Blocks of furnace proper shell. The shut down periods is 58 days.

- Inner Volume : 3,790㎥ → 4,350㎥
- Shut Down Periods : 66 Days
- Method of Construction : Large Block Ring Method
- Method of Furnace Proper Cooling : Copper Stave + Cast Iron Stave Cooler
- Application of Bisschop Scrubber (Gas Cleaning Plant)
- Application of Automatic System for Casthouse & EIC Integrated Control System

The capacity of plant is 3,51 million tons of hot metal in annual. To shorten the shut down periods, Large Block Construction Method (8 Layers 8 Block) and 1000 tons Crawler Crane had been used, as a result that, the shut down periods had been shortened up to 14 days. And this project was successfully executed by POSCO E&C's own technology.

- Inner Volume : 3,600㎥ → 4,200㎥
- Shut Down Periods : 55 Days (New World Record)
- Method of Construction : 8 Layers 8 Blocks
- Method of Furnace Proper Cooling : Copper Stave + Cast Iron Stave Cooler
- EIC Integrated Control System

The capacity of plant is 3,07 million tons of hot metal in annual. To ensure the lifetime of Furnace Proper, the cooler of stave type had been applied. And to reduce the production cost, the capacity of Preheated Coal Injection System had been increased.

- Inner Volume : 3,900㎥ → 3,900㎥
- Shut Down Periods : 91 Days
- Method of Construction : 14 Layers 29 Blocks
- Method of Furnace Proper Cooling : Copper Stave + Cast Iron Stave Cooler
- EIC Integrated Control System
- PCI Individual Flow Control System

The capacity of plant is 5,47 million tons of hot metal in annual. This project about relining old part and enlargement of inner volume to increase production capacity. It's first relining project to enlarge inner volume to 6,000㎥ that is the biggest blast furnace in the world.

- Inner Volume : 3,800㎥ → 6,000㎥
- Shut Down Periods : 119 Days
- Method of Construction : 8 Layers 8 Blocks
- Method of Furnace Proper Cooling : Copper Stave + Cast Iron Stave Cooler
- EIC Integrated Control System

The capacity of plant is 2,91 million tons of hot metal in annual. And the cooling method of stave type and the high efficiency refractories had been applied to ensure the lifetime of furnace shell as 30 years and more.

- Inner Volume : 4,000㎥
- Construction Periods : 32 Months
- New Construction of Furnace Proper and Subsidiary Facilities
- Method of Furnace Proper Cooling : All Stave Cooler
- Application of Casthouse Floor Flatness & Slag Granulation System
- Application of External Combustion Type Hot Stoves