



交城义望铁合金有限责任公司
Jiaocheng Yiwang Ferroalloy Co., Ltd.

41st Annual Conference Technical Tours

Monday, June 15, 2015



Jiaocheng Yiwang Ferroalloy Co. Ltd.

JIAOCHENG YIWANG FERROALLOY CO. LTD, founded in 1988, is located in Jiaocheng County, Shanxi Province.

As a private company with 1,700 employees, it is one of the leading manganese alloys producers in China in terms of production scale, manufacturing techniques and product quality. Besides supplying major domestic steel mills, its products are also exported overseas, to the USA, Russia, Britain, France, Japan, and Korea.

The total capacity of furnaces rating is 155MVA. The company produces 80,000mt HCFeMn and 160,000mt refined FeMn and Mn metal per annum. The annual production capacity will peak at 320 kt once the construction of Phase 2 of the 4th smelting plant in late 2015 is completed.

Since its founding, the company has focused on technical innovation. In 1992, it successfully invented a novel process of manganese metal production. It has also developed many new products, such as ultra-low carbon ferromanganese and nitride manganese.

The company has received many national awards for its technical progress and environmental friendliness. Thanks to its techniques, developed in-house, the company can produce high quality products, like ultra-low carbon ferromanganese with carbon content of 0.05% -- the lowest in the world.

A Company Focused on High Technology

Ladle Refining

Through the ladle refining technique, the company has raised the recovery of manganese to 92%.

Improvement of lining technique and performance

A new type of ramming refractory is applied in electric furnace lining. A variety of innovative operation techniques and know-how greatly improve the lining life of the refining furnace from 30 to 90 days. Ucar freeze lining has been used in submerged arc furnaces.

Recycle economy

The heat of calcine, molten slag and hot metal, and the dust produced are recycled back into the production process. The liquid slag is reused to make mineral wool and cement. The manganese residue in slag is as low as 3% -- again, the lowest in the world

TIME SCHEDULE

Participants will have to fly to Taiyuan Airport.

A bus will pick up the participants at the hotel to drive them to the plant, and drop them off at the hotel or airport after the visit.

1. Recommended hotel:

Hotel: Jinci Hotel
Jinci Scenic and Tourist Spot
Taiyuan, Shanxi
TEL : +86 351-6099999
<http://www.sxjchotel.com>

2. Schedule:

08:30	<i>Pick-up at the Jinci Hotel</i>
09:00	<i>Arrive Yiwang Ferro-Alloy plant</i>
09:00-09:20	<i>Factory Introduction and Safety Instructions</i>
09:30-11:00	<i>Plant Visit</i>
11:00-11:45	<i>Lunch</i>
11:45	<i>Transfer to the airport</i>

3. Flights from Taiyuan to Shanghai:

- China Eastern 2404 13:50 - 16:00
- China Eastern 2406 16:40 -18:55
- China Eastern 2408 18:50 - 21:05