MESCO STEEL

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Leadership

JK Singh

Having led from the front in transforming Mesco Steel into a major industrial force, Mr JK Singh is currently Chairman Emeritus of the Mesco Steel Group. Mr Singh graduated from Yale University in 1966 with specialization in metallurgy and served the Indian Air Force as fighter pilot before embarking on the journey of wealth creation. He is the visionary and the pole star to the Group.

"Imagining a future and working continuously to realize it has been the driving force for Mesco. At its core, philosophy of Mesco is to create the real wealth through sustainable conversion of natural resources into products required by the modern economy."

JK Singh
Chairman Emeritus

Rita Singh

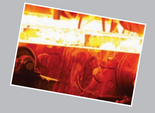
Mrs Rita Singh has set a great example of woman entrepreneurship in the country. Starting from a small business, through sheer determination and entrepreneurial drive, she navigated. Mesco Steel through choppy waters to the present position of strength. Currently Mrs Singh is the CMD of Mesco Steel.

"The fundamental reason for any enterprise to exist is to create economic value for the greater good. Mesco has always maintained a sharp focus on this principle, while redeeming its promises to its stakeholders and pushing the envelope at every stage of its existence."

Rita Singh
CMD

Mesco Steel Milestones

1992 Mideast Integrated Steels Ltd Formed
1996 Acquisition of Roida Iron Ore Mine
1997 Foundation of Steel Plant at Jajpur
2005 Steel Plant Commissioned
2006 Iron Ore Mine Starts Production
2007 Production Starts at Steel Plant
2010 Mining Concessions for limestone and dolomite in MP
2011 Sinter Plant Commissioned
2012 Private Railway Siding Commissioned
2012 Second Band of Sinter Plant Commissioned
2013 Acquires Gold Mine in Cambodia
2015 Acquires Maithan Ispat Ltd
2016 Acquires Gold Mine in Jharkhand



Projects Under Implementation

Rewa Cement Plant & Limestone Mine, Madhya Pradesh

- 2.30 MTPA Portland Pozzolana cement plant
- Project cost estimated at Rs 1200 crore ($ 200 million)
- Mining lease for limestone mine granted with estimated reserves of 132 million tons.

Slag Cement Plant at Jajpur, Odisha

- 1.0 MTPA Slag Cement Grinding unit at Jajpur, Odisha in two phases
- Estimated Project Cost is Rs 139 crore ($23 million) for the Phase-I of 0.5 MTPA capacity

Katni Limestone & Dolomite Mine, Madhya Pradesh

Mining concessions on Dolomite and Limestone mines in Katni have been granted and are under development

Pahardia Gold Mine, Jharkhand

Through auction process Maithan Ispat Ltd, a wholly owned subsidiary of Mideast Integrated Steels Ltd (Mesco Steel) acquired Pahardia gold mine spread over 279 hectares in West Singhbhum District, Jharkhand.

- This mine has proven large resources of gold, silver, zinc, copper and nickel over a small explored area of 6.0 hectares
- Great potential for significantly increasing the reserves through exploration in the balance area

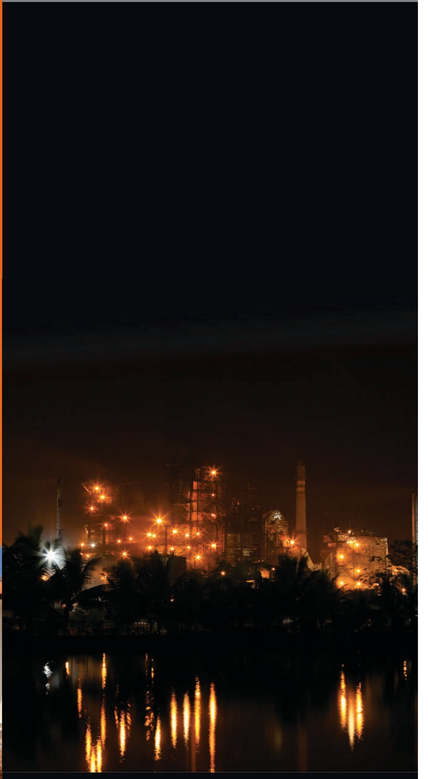
Overseas Ventures

Mesco Steel is expanding its business footprint beyond the frontiers of India.

- A company of Mesco Steel has acquired a gold mine in Cambodia
- Gold Mine and the process plant are under development
- A company incorporated in the USA has acquired mining concessions for precious metals.
- Mesco Steel is actively pursuing several opportunities in Southeast Asia and Australia for iron ore, precious metals, coking coal and other minerals.

Mesco Steel

Partnering Progress



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Mesco Steel

Mesco Steel is a leading player in the metals and mining space in the country. It owns two steel plants and has several mining concessions with huge reserves of iron ore, limestone, dolomite, gold, silver, copper, nickel and zinc spread over the States of Odisha, Madhya Pradesh, and Jharkhand in India and overseas.

The driving force behind Mesco Steel Group is the inspiring entrepreneurship and grand vision of Mrs. Rita Singh and Mr JK Singh that has transformed Mesco Steel into a multi-billion dollar enterprise. Mesco Steel has acquired mining assets overseas and is continuing with its efforts to further enlarge its global presence.

Mesco-I Steel Plant

Main features of Mesco-I Steel Plant at Kalinga Nagar, Jaipur (Odisha)

- Blast furnaces (2 X 389 m^3) with design capacity of 1.20 MTPA of hot metal
- Sinter Plant with two machines having capacity 770 KTPA
- Two 110 TPH pig iron casting machines
- Fully mechanized Raw Material Handling System
- Railway siding to handle 9.60 million tons of material in the plant
- Power Plant with capacity to generate 22 MW
- Plant water intake of 1600 m^3 per hour through a 17 km long pipe line from the Brahmani River with Water Treatment Plant
- Demineralization Plant of 150 cubic meter per hour capacity
- 237 hectares land for brownfield expansion of Steel Plant

Expansion Into a 3.50 MTPA Integrated Steel Plant

In a two-phase brownfield expansion program, the capacity of Mesco-I Steel Plant will be expanded to 3.50 MTPA integrated steel plant.
In the first phase following facilities are to be set up:

- BOF Converter
- Bar mill
- Oxygen Plant
- Pulverized Coal Injection Unit
- 5-strand billet caster
- Rod mill
- Lime Plant

The second phase will take the finished steel capacity to 3.50 MTPA. It would entail the execution of the following major plants and engineering milestones

- Blast furnace
- Coke Oven Battery
- 5-Strand billet caster
- Sinter plant
- Two BOF Converters
- Slab Caster

Mesco-II Steel Plant

Mideast Integrated Steels Ltd (Mesco Steel) in a debt-equity deal of about 180 million, acquired Maithan Ispat Ltd in 2015. With this acquisition Mesco Steel added capabilities to manufacture heavy section I-beams, billets and sponge iron. Key features of the Mesco-II Steel Plant are

- 2 X 350 TPD Sponge Iron Kilns
- 400 KTPA Heavy Section Mill
- 4 X 15 T Induction Furnaces
- 1 X 30 T Ladle Furnace
- 1 X 2-Strand Billet Castor
- 1 X Single Beam Blank Castor
- 30 MW Captive Power Plant

Mesco-II Steel Plant is being revamped and expanded for heavy section I-beams and rebars for scaling up production with the addition of following plants

- Two Electric Arc Furnaces (EAF) of 50 ton with Billet Castor
- A Rolling Mill for TMT bars

Roida Iron Ore Mine

Mesco Steel is operating Roida Iron Ore Mine at Barbil. The capacity of the mine is being doubled to 6.0 MTPA. This mine is well connected with railways and highways and spread over an area of 104 hectares. Main iron ore products of the mine are

- High grade Iron Ore (Iron content of 63%)
- 10-30 mm calibrated lump ore (Iron Content 60-62%)
- 5-18 mm calibrated lump ore (Iron Content 60-62%)
- Blue dust (Over 63% Iron Content)
- Fines (Iron Content 56-63%)

Social Responsibility

Mesco Steel remains committed to its social responsibilities and undertakes myriad, multilevel community development initiatives. As a responsible organization, Mesco Steel is focused on promoting welfare of its neighboring communities. Over the years, Mesco Steel has directed diverse community services into the areas of healthcare, education, infrastructure development and employee welfare.