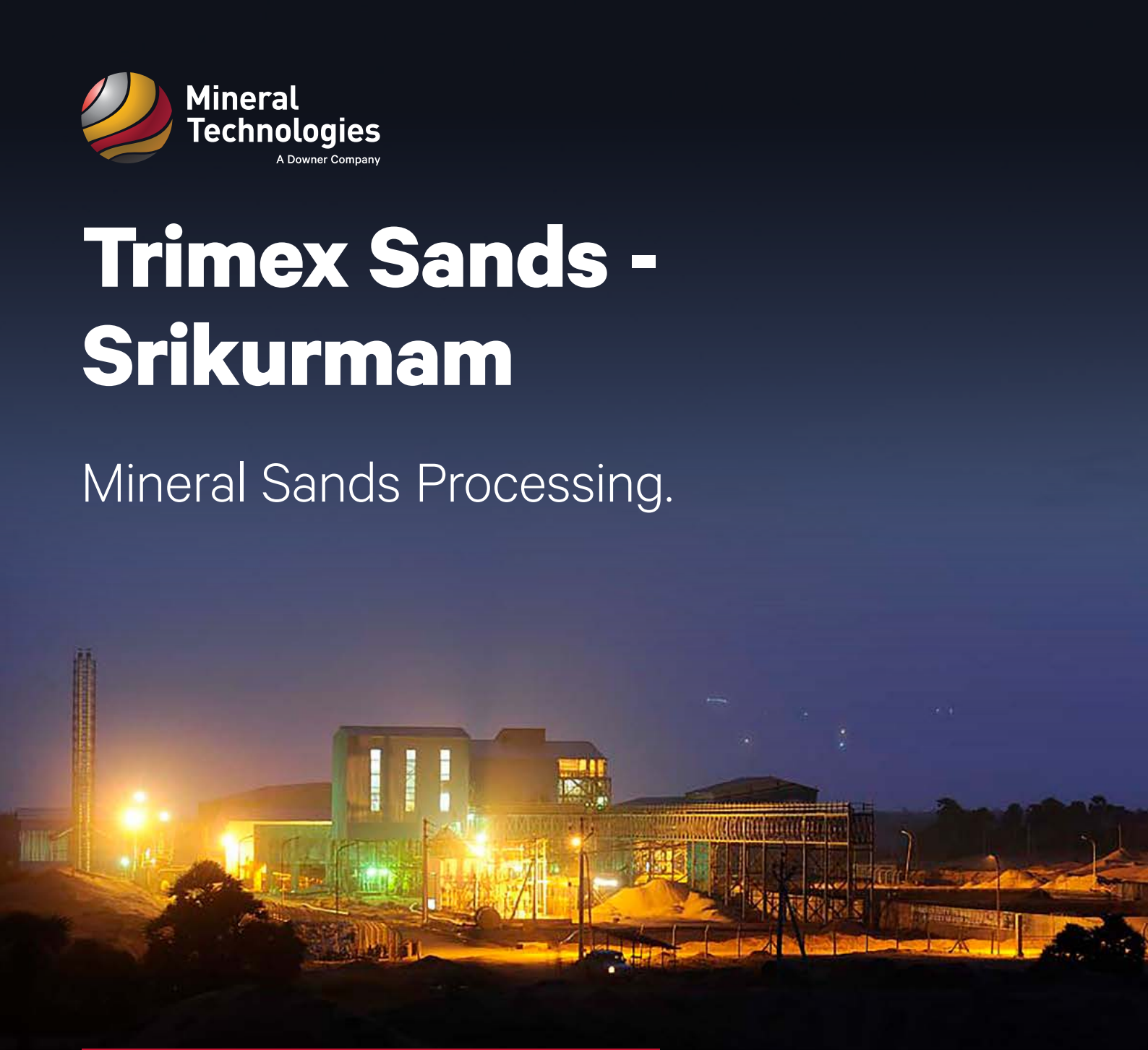
Mineral Technologies
A Downer Company

Trimex Sands - Srikurmam

Mineral Sands Processing.



In 2010 Mineral Technologies delivered a fully integrated solution to Trimex Sands Pvt Ltd which began with testwork in 2004 and progressed to flowsheet and basic plant design in 2006.

Mineral Technologies supplied state-of-the-art spiral, magnetic and electrostatic technology from our proprietary range of process equipment.

- One of the largest mineral separation plants for heavy minerals from beach sands on the Indian subcontinent.
- Unique plant design separates 5 minerals – Ilmenite, Rutile, Zircon, Garnet and Sillimanite.

Downer
Relationships creating success

Project Profile

Trimex Sands - Srikurmam

Client Trimex Sands Pvt Ltd

Location India

Capability Groups Mineral Processing

Commencement 2007

Completion 2010

Services Provided

- Metallurgical testing
- Flowsheet development
- Basic plant design
- Process equipment supply
- Plant commissioning
- Operator training
- Process guarantee

Highlights

- One of the largest mineral separation plants for heavy minerals from beach sands on the Indian subcontinent
- Unique plant design separates 5 minerals – Ilmenite, Rutile, Zircon, Garnet and Sillimanite
- World's largest capacity plant producing Sillimanite and Garnet
- Mineral Technologies delivered fully integrated solution

Smart Engineering

Mineral Technologies delivered a fully integrated solution to Trimex Sands Pvt Ltd which began with testwork in 2004 and progressed to flowsheet and basic plant design in 2006.

Plant design incorporated wet and dry processing stages.

Mineral Technologies supplied state-of-the-art spiral, magnetic and electrostatic technology from our proprietary range of process equipment; as well as engineered equipment including a large grizzly screen hopper and trommel, and a Lyons Feed Control Unit (LFCU) to manage the storage and discharge of wet solids to meet specific process needs.

Mineral Technologies' process engineers commissioned the plants and fine-tuned the process for optimum grade and recovery.