




ENERGY-EFFICIENT AND SUSTAINABLE COOLING FOR MINES

As heat-loads increase with depth, temperature in underground mines might surge to extreme degrees. The cooling systems deployed in large scale contribute to huge electricity costs. In view of the heat source and eco-friendly functioning, absorption technology with on-site heat recovery mechanism is the perfect choice to keep mining industry's energy consumption in check.

Benefits:

 <p>Minimal operational costs</p>	 <p>Shorter payback period</p>
 <p>Optimised energy utilisation</p>	 <p>Heat recovery</p>

Our solutions find application in

- Process and Comfort Cooling in
- Gold Mines
 - Coal Mines
 - Metal ore Mines

Our offerings for the industry are

Exhaust-fired chiller



Heat Recovery from furnaces

Steam-driven absorption chiller



High COP of 1.5



Why Thermax's Solutions?

- Low steam consumption
- No vibrating parts
- Low maintenance
- No harmful refrigerants
- No requirement for LiBr/DM Water top-up
- Crystallization-free design
- 24x7 IIoT-based chiller monitoring