Marmugao Port Trust Coal Import Terminal

Design Engineering under Technical Tie up with Millcreek Engineering USA **- www.millcreekeng.com**

BULK MATERIAL HANDLING

In our history of 50 years in Elecmech Group we have worked in one or other aspect of a Bulk Material Handling Plant. Predominantly we have experience for Coal but we have done systems for Iron Ore, Lime Stone, and Gypsum. Our experience includes Design Engineering BMH projects across the world and execution in India

Our belt and over land conveyor design experience, coupled with the latest software, provides innovative and effective material handling solutions. Our principals have designed and built more than 1,000 conveyor systems.

We provide exceptional expertise in the design of long distance, high capacity over land conveyors with both vertical and horizontal curves.

IceCube Engineers excels in designing material handling systems that are effective and efficient. Our designs aim to reduce material degradation and material loss during all phases of the production and effectively reduce the client's costs.

IceCube Engineers designs and delivers bulk material handling systems across a broad range of commodities and material types:

- **Aggregates**
- **Industrial Minerals**
- **Cement**
- **Limestone**
- **Ash**
- **Phosphate**
- **Coal**
- **Potash (MOP and SOP)**
- **Coke**
- **Hard Rock Ore**
- **Salt**
- **Metals**

Bulk material systems range in capacity and include:

- **Rail and truck loading / unloading**
- **Barge and ship loading / unloading**
- **Weighing and sampling systems**
- **Conveying, Stacking, Blending and Reclaiming**
- **Discrete Element Modeling (DEM) and chutework**
- **Crushing and screening**
- **Slurry mixing, pumping and separation**
- **Coal Handling Plant**
- **Coal Import Terminals**
- **Coal Blending**
- **High Speed Conveyors**
- **Overland Conveyors**
- **Traveling Tripper**
- **Wagon Tippler**
- **Stacker Reclaimer**

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