

**ArcelorMittal – Mont Wright**

**Client:** ArcelorMittal  
**Location:** Canada  
**Commencement:** 2010

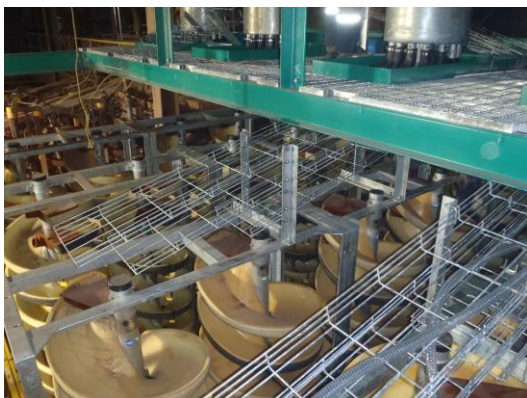
**Capability Groups:** Mineral Processing  
**Completion:** 2012

### Services Provided

- Process equipment supply
- Process equipment commissioning
- Operator training

### Highlights

- 5,760 Iron Ore spiral starts delivered 2010-11
- 2,688 Iron Ore spiral starts delivered 2011-12
- Collaborative team effort with ArcelorMittal
- New features specifically engineered for Mont Wright



### Superior Technology

Mineral Technologies supplied wash water spiral assemblies to ArcelorMittal's Mont Wright Iron Ore mine in Canada.

The selection followed an extensive 3-year test program to research preferred options for replacing the GEC spiral assemblies which had been in operation at Mont Wright for the past 30 years.

The first order comprised 864 twin-start HC33 (high capacity) spirals for the rougher and 2016 twin-start WW6F spirals for the cleaner and recleaner circuits. This was the largest Iron Ore spiral order in Mineral Technologies history.

The second order comprised 448 twin-start HC33 (high capacity) spirals for the rougher and 896 twin-start WW6F spirals for the cleaner and recleaner circuits.

To meet Mont Wright's specific requirements, Mineral Technologies engineered innovations to the HC33 and WW6E spirals, and developed new manufacturing and assembly processes at the production facility in Australia.

One of the key engineering innovations was the development of rubber alternatives to standard polyurethane parts to meet ArcelorMittal's objectives of extended spiral longevity and durability.

