Taganito HPAL Nickel Corporation was constructing a 300T/HX82 MW Coal Fired Boiler Power Plant in Surigao Del Norte, Philippines. Formosa Heavy Industries Corp. was the main EPC Contractor.

Taganito Project

This project has been planned as a large scale hydrometallurgical project that will use a HPAL technology, which recovers nickel and cobalt from low grade nickel oxide ore.

Detail of work by BEC

BEC was involved in the Design & Build of the chimney, including piling, pilecap, slipform, heavy lifting of roof, floors and flues, installation of internal rack and pinion hoist, AWL’s, internal lighting, lightning conductor and earthing works.

Challenges

- The remote location of this stack required importing all materials and equipment for the construction
- This project is located in Mindanao
Taganito stack elevation

Chimney data:

- **Height**: 100m
- **No. of internal steel flues**: 1
- **No. of internal platforms**: 5
- **Diameter of internal flues**: 16.2m
- **External concrete diameter**: 2.79m

Safety Slogan: 

Main Ring: 

Completed chimney: 

Site working in progress: 

Safety slogan: 

New concrete forming lights (used externally as flood lights)