

CASE STUDY TAGANITO POWER PLANT PROJECT



Project Participants

Owner	Taganito HPAL Nickel Corporation
Client	Formosa Heavy Industries Corporation
Chimney EPC Contractor	BEC Pte Ltd
Lining System	SCR-Ten 2

TAGANITO POWER PLANT



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

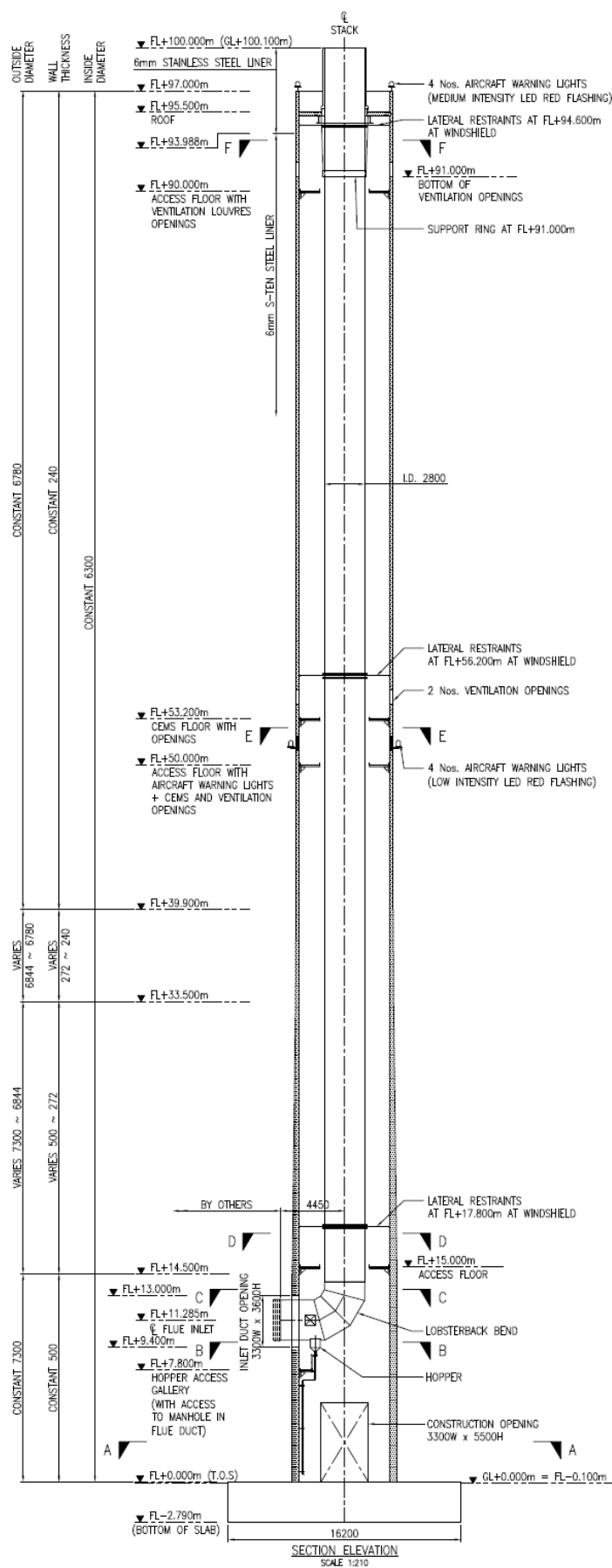


BEC Group of Companies

c/o 18 Boon Lay Way
#10-159/162
TradeHub 21
Singapore 609966

Tel: + (65) 6778 6858
Fax: + (65) 6690 9259
Website: www.be-con.com
Email: sales@be-con.com





Taganito stack elevation

Chimney data:

Height	100m
No. of internal steel flues	1
No. of internal platforms	5
Diameter of internal flues	2.8m
External concrete diameter	16.2m
Pile cap	2.79m



Safety Slogan



Main Ring



Slip forming in progress



Completed chimney