

CASE STUDY VGI3 CONVERSION PROJECT (CHIMNEY EXTENSION) VIETNAM



Project Participants

Owner/Client
NSG Vietnam Glass Industries Ltd.

Contractor
BEC Pte Ltd.

CHIMNEY EXTENSION UNIT DESIGN AND BUILD

VGI3 CONVERSION PROJECT
(CHIMEYN EXTENSION)



VGI3 Conversion Project (Chimney Extension) was part of the expansion plan of NSG Vietnam Glass Industries Ltd. BEC was the main contractor for this Project.

NSG Vietnam Glass Industries Ltd, Vietnam

NSG Vietnam Glass Industries Ltd (VGI) is a wholly own subsidiary of NSG group. Vietnam Glass Industries is engaged in manufacturing glass products with its production base in Vung Tau and office in Ho Chi Minh. Due to strong investment on its modern production line, the company is able to reach high productivity and customers' expectations.

Detail of work by BEC

BEC was awarded the Design, Supply and Services contract for the 20m chimney extension including insulation, additional access ladder and access gallery, heavy lifting and installation plus miscellaneous works. The original chimney height was 85.00m and extended to 105.00m.

Challenges

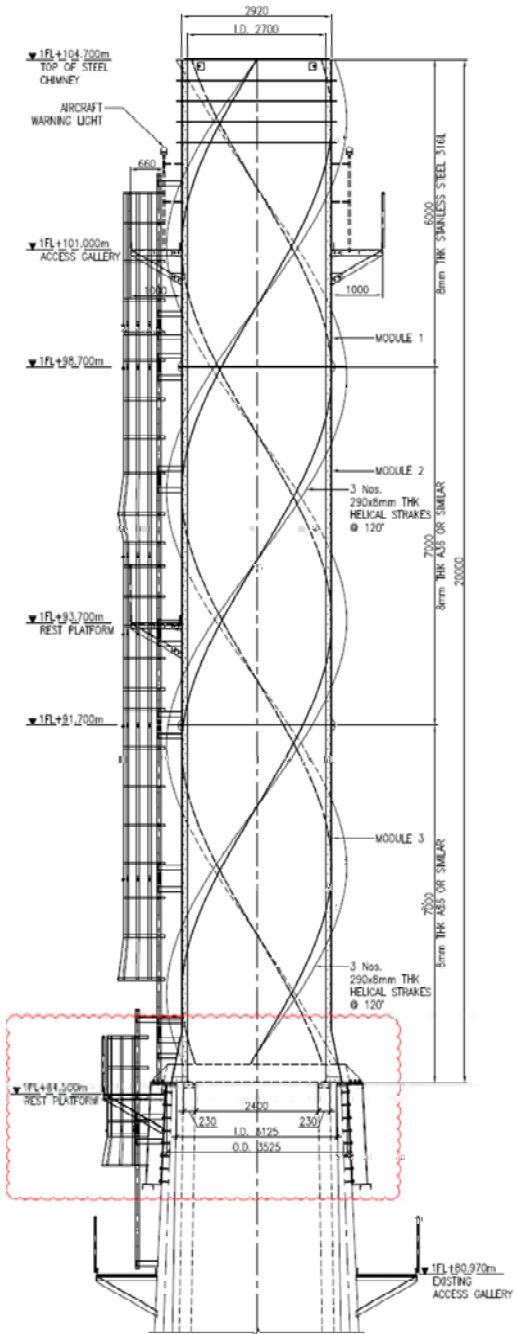
- Tight schedule
- Working on the old chimney condition.



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





VGI3 Project VIETNAM Chimney Details

Chimney Extension Data	
Original Height	85m
Height After Extension	105m
Existing Dia. of internal top exit	2.400m
New Dia. of internal top exit	2.700m
No. of extension unit section	3 sections
Connection type	Bolting
Material of extension flue unit	A36 + SS316L



Chimney extension unit section delivered to site



Installation of T section brackets on top chimney



Lifting of bottom extension unit section



Lifting of middle extension unit section



Installation of internal SS316L cladding plate