

PTT CHEMICAL NEW PIPE RACK (I - 1 ROAD) PROJECT

Maptaphut Industrial Estate, Rayong Province, Thailand.

(Year 2007 – 2008)



Client

PTT Chemical Public Company Limited.

Consultant

Christiani & Nielsen (Thai) Public Company Limited.

Constructed by

Christiani & Nielsen (Thai) Public Company Limited.

Technical Data

Bore pile dimension 300 mm. 252 nos. RC. Foundation 150 nos. Steel structure for pipe rack and pipe bridge 340 Tons.

Introduction

PTT Chemical Public Company Limited is a new company formed by two major Thailand's petrochemical and chemical companies – the National Petrochemical Public Company Limited (NPC) and Thai Olefins Public Company Limited (TOC). They need to transfer the production capacity from industry into another industry.

Type of Construction

The installation of the steel structure of Pipe rack and Pie Bridge performed by to caste R.C. Foundation with bore pile (dry method) in situ then cured and inspection. The steel structure were fabricated in fabricate shop then transported to blast and painting outside resource. The specimens have painted and inspected were transported to field for erection. The step of erection should be inform to owner or PMC and safety supervisor for inspect equipments and safety orientation first because the site work is in ISBL (process plant) that requires safety first. The heavy equipments are used mobile crane 25 tons for lift up columns and girders and 50 tons for lift up the truss specimens.

Date of Commencement:

September 2007

Date of Completion:

March 2008



CHRISTIANI & NIELSEN