

PTT. Chemical Head Office Building

Maptaphut , Rayong , Thailand , 2006-2007



- **Client :**

PTT. Chemical Public Company Limited

- **Designed By :**

Structural & Architectural Work

Theme Architectural & Planing Co.,Ltd.

M&E Work

IECM Company Limited

- **Constructed By :**

Christiani & Nielsen (Thai) Public Company Limited

- **Description :**

Main Building : 6 storey head quarter office with circular ring shape. Structural consist of prestressed pile , post tension slab and steel roof truss. Architectural consist with curtain wall glass and specific shape of metal roof sheet . M&E consist with electrical work , sanitary work , fire protection ,and air conditioning & ventilation system . Ground floor used for car parking ,the other floors used for office area and auditorium. Total floor area = 30,400 sq.m.

Utility Building : 3 storey. Structural consist of prestressed pile , RC. slab and steel roof truss. Architectural consist with brick work & plastering and louver&metal sheet siding and Roof . M&E consist with electrical work ,sanitary work ,fire protection ,and air conditioning & ventilation system . Total floor area = 2,000 sq.m.

Canteen Building : 1 storey. Structural consist of prestressed pile , RC. slab ,and umbrella shape steel roof truss.Architectural consist with brick work & plastering and specific shape of metal roof sheet . M&E consist with electrical work ,sanitary work ,fire protection ,and air conditioning & ventilation system . Total floor area = 1,800 sq.m.



CHRISTIANI & NIELSEN

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Pump House Building : 1 storey and water tank 800 Cu.m. .

Structural consist of prestressed pile , RC. slab & wall .

Architectural consist with brick work & plastering.

M&E consist with electrical work ,sanitary work ,fire protection ,and air conditioning & ventilation system .

Total floor area = 400 sq.m.

Main Gate, Guard House : 1 storey. Structural consist of pre-bore

pile , RC. slab ,and umbrella shape steel roof truss.Architectural

consist with brick work & plastering and specific shape of metal

roof sheet . M&E consist with electrical work ,sanitary work ,fire

protection ,and air conditioning & ventilation system .

Fencer : Total Length 1.4 km.

Drainage System : Total Length 4,800 m.

Road and Foot - Path : Total Area 18,000 sq.m.

Inner Court, Flag Pole, Pool

Date of Commencement :

January 2006

Date of Completion :

May 2007



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