

Promwimate Inongkarn

Structural Engineer

Work Experience

Structural Engineer

MBM Metalworks CO.,LTD

2 Year 1 Month : February, 2022 - Present

- Project
 - 2022-2023: The North Plot Project (N1 Building / N2 Building / N3 Building)
 - Designed, verified, and Created calculation reports to verify the structure of facade work follow the standards (US standards)
 - Glass panel
 - Steel cantilever mullion
 - Tension Rod facade system
 - Window wall glass system
 - Balustrade
 - Glass canopy
 - Verified special parts of the structure with the finite element method (FEM) Ex. Vertical / Horizontal fin (Section and Connection)
 - Connection parts (welding & bolting)
 - Supported the technical data for the design team to develop and improve shop drawing
 - Adaptive design following job site situation.
 - Support method statement for the installation team.
 - Anchorage system (Mechanical & Chemical anchor / Embed channel / Cast-in anchor)
 - GRC panel and steel support work
 - Assistance at the job site for site
 - modification and temporary structure
 - Plan for site activities
- Project
 - 2022-2023: Perth HUB Project (Australia)
 - Assistance in designing and verifying, the steel structure and glass of facade work. follow the standards AS standards for the ground floor zone.
 - Checking the R-value of the system.

Structural Engineer

Peterson1990 CO.,LTD

1 Year 8 Months : June, 2020 - January,2022

- Project
 - 2020-2021 : The Mochit Complex Project
 - Create calculation report to verify the structure of curtain wall system (Mullion, Transom, Steel structure, Connection, etc.) follow the standards.
 - Analyzed aluminium dies, aluminium parts, and steel section.
 - Glass balustrade
 - Anchorage system (Mechanical & Chemical anchor / Embed channel / Cast-in anchor)
 - Connection (welding & bolting)
 - Verified special parts of the structure with the finite element method (FEM)
 - Vertical and horizontal fin
 - Provide the Building Maintenance Unit (BMU)
- Project
 - 2021-2021 : The Government centre
 - Create calculation report to verify the structure of curtain wall system (Mullion, Transom, Connection, etc.) follow the standards.
 - Anchorage system (Mechanical & Chemical anchor / Embed channel / Cast-in anchor)

Education History

Bachelor of Engineering, Civil Engineer

Chiang Mai University

2016-2019

Contact Info

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Promwimate Inongkarn

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Relevant Skills

- Microsoft office
- Autodesk AutoCAD
- Autodesk Revit
- SketchUp
- PTC Mathcad
- STAAD.Pro
- STRAND.7
- Autodesk Robot
- SPACE GASS
- BISCO Thermal 2D Calculator