

ROLLIE BELGA BUBAN (CIVIL STRUCTURAL ENGINEER)

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PROFESSIONAL SUMMARY:

9+ years combined experience in Onshore LNG facilities (5 yrs.), Airport Infrastructure, Water and Wastewater Treatment Plants and Manufacturing Plants. Experienced in international projects at various project phases such as conceptual, FEED, detailed engineering, and construction.

CORE COMPETENCIES AND SKILLS:

- ❖ Structural planning and detailed design of steel pipe racks, equipment platforms, operating stages, shelters, steel and concrete miscellaneous supports, and grillage and sea fastening.
- ❖ Modularization or Pre-Service Analysis (Sea Transportation, Land Transportation, and Lifting Analysis). Capable of Finite Element Analysis.
- ❖ Well versed in BIM 3D environment and document management system.
- ❖ Design packages, calculation report, design criteria and design specification.
- ❖ ISO 9001:2015 Quality Management System ISO 27001 Information Security Management Standard
- ❖ STAAD. Pro, STAAD Foundation, STAAD Offshore, Ram Elements and RAM Connection | ETABS | Foundation 3D and Mat3D | Autodesk Robot | Tekla Structural Design | Tekla Tedds | Strand7 | AutoCAD | Navisworks | BIM360 | Bluebeam Revu
- ❖ Standards: AISC, ACI, Eurocode, PIP and DNV

PROFESSIONAL EXPERIENCE:

GHD (2023 – PRESENT) (UK - DIRECT WORKSHARE)

Sime Darby Oil Expansion Project, Cargill Flake Cooker Replacement Project; Steel Piperack/pipe bridge, pile foundations and connection design.

North Waste Batch 12 Project, Galliford Try Waste Batch 14 Project, Ripponden Wood Project, Cumberbatch WFD Project, Silverdale WFD; Structural design and checking of concrete tanks/chambers, miscellaneous steel support and foundations in collaboration with Galliford Try, Yorkshire water and Severn Trent Water.

RIOFIL CORPORATION (2022 – 2023)

Ogura Clutch, Nidec Corporation, Shin-Etsu Chemical Co. Ltd, Cohu; Manufacturing plants, trailer yard shelter, connecting steel bridges, ancillary buildings, pipe racks, site development works, underground storage tank and equipment foundations.

CHIYODA PHILIPPINES CORPORATION (2014 – 2021)

Golden Pass LNG Export Project (GPX), GYO LNG Project; Structural design of operating stages, equipment platforms and miscellaneous steel supports and foundations, grillage and sea fastening design for 4 equipment modules weighing up to 8000 tons.

GYO LNG Project; Steel pipe rack module design and analysis for in-place, land transportation, sea-transportation and lifting, and grillage and sea fastening design.

New Bohol Airport Construction and Sustainable Environment Project, NBAC-SEP (DOTR); Airside and landside civil works and sewage treatment plant engineering design and construction management.

Cameron Liquefaction Project (Cameron LNG), Yamal LNG Project (JSC Yamal LNG), Ichthys Onshore LNG Facilities Project (INPEX Operations Australia Pty Ltd.) Steel pipe rack module design and analysis for in-place, land transportation, sea-transportation and lifting, and grillage and sea fastening design and miscellaneous steel supports and foundations design.

EDUCATION, CERTIFICATIONS AND TRAININGS

<u>Bachelor's Degree Civil Engineering</u>	University of Rizal System – Morong	April 2013
<u>1st Placer Philippine's Licensure Exam for Master Plumbers</u>		February 2015
<u>6th Placer Philippine's Licensure Exam for Civil Engineers</u>		November 2013

Technical and project management trainings lists and certificates (available upon request)

REFERENCES

Available upon request.

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