

# RICHARDSON LANUZA

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A Civil Engineer with 10+ years well rounded engineering and construction management experience. Highly skilled in Project Implementation, Quality assurance and Quality control management with core expertise in managing, leading, and monitoring technical aspects and delivering large civil projects. Demonstrated excellence in communication and interpersonal skills, proactive, organizational, problem solving, decision making coordination, time management and technical skills. Involved in the construction of Telecommunication Infrastructure Project (Civil & Steel Structure), Oil & Gas (Onshore) Gas Processing Plant, Slope Protection & Drainage Systems Rehabilitation, Buildings, and Fit-Outs (Commercial & Retail). Certified Professional Engineer and IRCA Lead Auditor.

## SKILLS

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- Engineering Software (AutoCAD, Sketchup, Lumion, Civil Drafting)
- Structural Analysis and Design (ETABS 2016, SAFE 2016)
- Microsoft Office (Word, Excel, PowerPoint)
- Interpret Drawings and Blueprints, Construction plans, specification & Standard
- Hazard and Risk Management
- Documentation & Technical Reports

## CERTIFICATIONS

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- Certified Professional Engineer – Civil (Professional Regulation Commission, PH)
- Certified IRCA Lead Auditor
- NEBOSH IGC

## PROFESSIONAL DEVELOPMENT

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- Sustainable Infrastructure Project & Infrastructure Project Management and Site Execution: A comprehensive approach
- Cost Estimating Methodologies in major Oil and Gas Projects
- Smart Watershed Management
- Structural Analysis and Design of Reinforced Concrete Building Structures
- FEMA P-154 Rapid Visual Screening of Buildings for Potential Seismic Hazards
- FEMA E-74 Reducing the Risks of Non-Structural Earthquake Damage
- Lean Six Sigma White Belt

## WORK EXPERIENCE

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### **Civil Engineer / First Technology Company • Abu Dhabi, Abu Dhabi, UAE • 08/2018 – Present**

- Conducted detailed site surveys and analyses to determine optimal locations for telecommunication cell tower construction, considering factors such as topography, soil conditions, and regulatory requirements.
- Conducted regular inspections to monitor construction progress, identify potential issues, and ensure the accurate structural quality of Bored Piles, reinforced concrete & erection of structural steel,
- Analyze project construction drawings and plans to prepare accurate and detailed calculations for materials quantity take-offs and for custom fabrications.
- Ensured construction activities align with the latest IFC drawings, specifications, and relevant documents.
- Reviewed and prepared Work Procedures, Method Statements (MS), Materials Submittal, Inspection Reports, and Test Reports.
- Checked and monitored all Measuring and Testing Equipment, Machineries to be used were calibrated and have valid 3<sup>rd</sup> party inspection certificate.
- Implemented HSEQ policy and objectives
- Promoted Quality Awareness, Continuous Improvement, and Lessons Learned

### **Junior Planning Engineer/Al Asab General Transport and Contracting • Abu Dhabi, UAE • 03/2017-04/2018**

- Developed and maintained detailed project schedules for onshore oil and gas construction projects ie: Pipelines, Steel Structure, Foundations, ensuring alignment with project goals and deadlines.
- Assisted senior planning engineer in resource planning and allocation, optimizing manpower, equipment, and materials to meet project requirements efficiently.
- Supervised, checked and monitored actual project progress against schedules, identifying critical paths and potential delays.
- Prepared comprehensive progress reports, providing key performance indicators (KPI) to the client and facilitating informed decision-making.

- Conducted project and site reviews.

**Civil Project Engineer / Smart Vision Interiors • Dubai, Dubai, UAE • 07/2016 - 12/2016**

- Managed day-to-day construction activities, ensuring adherence to project timelines, budget, and quality standards.
- Ensured construction activities align with the latest IFC drawings, specifications, and relevant documents.
- Checked the quality of materials and equipment used during construction
- Ensured that any completed work is in compliance with the plans.
- Committed to safety, quality, and environmental best practices in civil construction.

**Project Engineer / Steelbuilt Construction Inc • Philippines • 05/2013 - 02/2016**

- Developed comprehensive project plans for fit-out projects, outlining tasks, timelines, and resource requirement.
- Supervised all on-site construction including subcontractor's, resolve day-to-day problems on the job site and inspect all work during construction to ensure compliance with plans and specifications
- Prepared material and quantity takeoff of structural, architectural, and external work quantities.
- Prepared detailed estimate, bill of quantities (BOQ), bill of materials (BOM), statement works, Material procurement,
- Coordinated with architects, contractors, and vendors to ensure seamless execution of the projects & optimizing project workflows.
- Maintained accurate project documentation, including drawings, change orders, and as-built documentation

**Site Engineer / MS Natavio Construction • Philippines • 05/2012 - 02/2013**

- Provided on-site leadership for slope protection and drainage system rehabilitation projects, overseeing construction activities to ensure compliance with design specifications and safety standards.
- Conducted regular inspections to monitor work progress,
- Controlling Non-Conformance, investigating and analyzing the Root Cause, and Implementing Corrective and Preventive Action.
- Collaborated closely with the project management team to review and approve engineering designs, plans, and specifications.
- Maintained comprehensive project documentation, including daily reports, progress photographs, and as-built drawings.
- Executed various drainage industry methodologies, including slip lining, drilling, and pipe installation
- Ensured adherence to HSEQ objectives,

**EDUCATION**

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**Bachelor Of Science in Civil Engineering**

University Of Pangasinan-Philippines • 03/2012

**REFEREE**

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Available upon request