**Corwyn**

PIPING ENGINEER

**Contacts**

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* **Registered Mechanical Engineer**

License No. 0065706

Philippines

Since Nov 2005

**Professional Qualification**

* **Bachelor of Science in Mechanical Engineering**

Batangas State University, Philippines

Graduated on Mar 2005

**Education**

* Piping design
* Root cause analysis
* Inspection and reporting
* Problem solving
* Project management
* Project coordinator
* Site supervision
* Team leadership
* Developing people
* Detail oriented
* Code compliance
* Structural detailing
* AutoCAD 2D & 3D
* CadWorx Plant & Smart Plant Review
* Proficient in Microsoft Office

**Technical Skills**

**Professional Experience**

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| Mar 2010 – Oct 2017 | PIPING ENGINEER - SUPERVISOR  Danieli, Abu Dhabi |
| * Issued Punch List to subcontractor for the correction actions to piping and equipment not according to the project documents and specifications * Participated in weekly meetings with subcontractors regarding the construction performances and status of the scheduled piping erection plan to avoid any delay or hindrance of their activities * Assured that all activities related to piping fabrication, installation and testing (NDT, Pressure Test, Chemical Cleaning and Leak Test) are completed as per project specification and relevant test certificates are completed based on system/ sub-system boundaries defined by commissioning * Performed investigation and root cause analysis of all Non-Conformance Notice and Snag Points related to piping defects issued by the client and performed practical solutions in coordination with the technical department * Developed conceptual routing, general arrangement drawings and isometric drawings including preparation of bill of materials and method of statement for the execution. * Worked with the client, consultants and construction teams to resolve field issues in a timely manner * Managed and supervised subcontractor engaged in enhancement projects and plant shutdowns related to piping, structural and mechanical works to meet completion dates within strict manpower, material and investment budgets * Arranged manpower, material and equipment to work on various piping modifications safely without affecting plant production * Developed shutdown plans in coordination with the planning engineer * Delivered all projects within time, quality and budget frameworks by taking proactive approach to issue resolution and continuously measuring process momentum against required outcomes. * Ensured that work permits and safety standards are always practiced at work site as per project HSE policies | |

I have more than 11 years of professional experience in the field of piping engineering, design and construction for various Oil & Gas projects and Integrated Steel Plant. With extensive supervising and coordination skills in piping fabrication, erection, commissioning and able to play major role in completion of enhancement projects and maintenance plant shutdowns. I have the ability to stay focused and managed under time pressure with multiple priorities and resolved complex issues. Over the course of my career I established myself to have a strong commitment and dedication to work and proved to be an effective leader.

**Summary of Qualification**

**Seminars**

**Projects**

* Integrated Steel Plant – Emirates Steel Industries, Phase1 & Phase2
* Direct Reduction Plant with Production Capacity of 250 tons per hour
* Steel Making Plant with Production Capacity of 250 tons per hour
* Utilities Network (Water Treatment Plant, Reverse Osmosis Plant, Natural Gas Station, Air Separation Plant, Fume Treatment Plant and Others)
* Heavy Section Mill with Production Capacity of 1million tons per annum
* Confined Spaces Entry and First Aid
* Emergency Evacuation Plan and Fire Fighting Procedure
* AutoCAD
* Primavera 3.0
* Microstation v8.1

* Heat Treatment of Steel
* Hydro-Electric Power Plant

**Training**

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| Jun 2007 – Mar 2010 | PIPING DESIGN ENGINEER  Wasco Engineering International Ltd, Dubai |
| * Developed piping general arrangement based on P&ID using CADWorx software, study client specifications, piping layout checking, updating, coordination of interdisciplinary activities * Prepared equipment layouts (compressor, motor, vessel) as per design codes and equipment nozzle orientation fixing using CADWorx Equipment * Extracted elevation, plan drawings and isogen isometric drawings from piping model for fabrication and erection * Prepared Material Take-off for procurement of pipes, fittings and valves, etc. * Reviewed and analyzed equipment drawings for preparation of tie-in connection details * Prepared detail structural drawings of Main Skid, Compressor and Engine Pony Skid for fabrication * Prepared detail drawing for pressure vessels * Performed site visit and site survey to perform investigation, progress and measurement * Prepared As-Built drawings after modification or final erection | |

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| Feb 2006 – Mar 2007 | PIPING DESIGN ENGINEER  Babcock-Hitachi, Philippines |
| * Developed and created accurate isometric drawings and piping plans whereby practical design knowledge is utilized * Performed necessary detail drawings for fabrication and erection of Heat Recovery Steam Generator piping system as per approved design, specification and relevant codes ASME/ANSI, METI, JIS, etc. and other standards * Prepared detail drawing of welding-edge preparation for pressure pipes, connecting pipes, accessory pipes and main piping * Prepared Welding Schedule Sheet confirming both fabrication and edge- preparation drawing * Prepared Material Withdraw Table and Supply List * Determined Support Point location using Smart Plant Review, Navis Works, Bentley Navigator and Beam Plan Arrangement Drawing * Designed pipe support considering support location and support condition * Developed pipe support detail drawings for fabrication and erection. | |