

GENESIS QUIAMBAO AGUINALDO

Piping Design Engineer

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Summary

A Piping Design Engineer with almost 10 years of experience in Layout and Piping Engineering Design of Conventional and Thermal Power Plants of Mitsubishi Heavy Industries Ltd. Also, can Manage Project and Communicate well with customers by presenting technical data.

Work Experience

- January 2023 – Present Lead Design Engineer
MHI Power Technical Service Corporation
- Assigned as a Team Leader for various projects.
 - Assisting engineers with initial and final design solutions on a project.
 - Support work activities of the section such as 3d modeling and 2D drawing.
 - Check piping 3D isometric drawing and Equipment 3D model.
 - Plan and input of piping 3D model (Site Fabrication piping).
 - Update records of error monitoring.
 - Create report and documentation required by the project.
- May 2014 –
December 2022 Design Engineer
MHI Power Technical Service Corporation
- Assigned as a Team Leader for various projects.
 - Support work activities of the section such as 3d modeling and 2D drawing.
 - Input of Piping 3D model and creation of Isometric drawing.
 - Input of Equipment 3D model
 - Plan and input of piping 3D model (Site Fabrication piping).

Foreign Assignment

- May 2022 –
March 2023 Mitsubishi Heavy Industries Ltd. Nagasaki, Japan
- Create 3D model of Piping and Equipment around boiler, Turbine and Outdoor area.
 - Create report and documentation required by the group.
 - Coordinate work between MHI and MTS.
- January 2018 –
June 2018 Mitsubishi Heavy Industries Ltd. Nagasaki, Japan
- Piping design coordination work between MHI and MTS.
 - Create report and documentation required by the group.

Site Experience

- January 2024 GNPower Dinginin Ltd. Co. (Mariveles Bataan)
- Representative in Layout and Piping Department for Site Survey.
 - Mapped Piping route and Estimate BQ material

Achievements and Awards

- Awarded a Certificate of Commendation in MHI Nagasaki Japan, 2023
- 2 Consecutive years with High performance evaluation, 2019 – 2020
- Completion of the Project with Appreciation from MHI customer (KAIZEN), 2019
- Outstanding Engineer of the Quarter, 2017 1st quarter
- Most Industrious Employee of Layout & Piping Planning Department, 2016

Software

- Smart Plant 3D (SP3D)
- Smart Plant review (SPR)
- Navisworks Manage / Freedom
- Autodesk Plant 3D
- Autodesk AutoCAD
- Universal Plan Viewer (UPV)

Education

- 2008 – 2013 Bachelor of Science in Mechanical Engineering
Adamson University

Professional Exam Taken

- March 2014 PASSED, Mechanical Engineer's Licensure Examination

References

Kevin Joseph Factor
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