

CURICULUM VITAE INSTRUMENTATION ENGINEER

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Summary :

- Certified Oil and Gas Instrument Inspector (COGII), 2016
- Diploma of Electronics, 2013
- Strong interpersonal skills, a team player and able to work with all levels of management.
- Familiar with international engineering standard code, API, BS, ISO, ASME, ANSI, IEC, ISA, IEEE.
- Familiar with P&ID, PFD, Instrument Loop Diagram, Instrument devices and calibration tools.
- Familiar with Permit to work (Hot/Cold), Confined Space Entry, Special Permit, and Emergency Response Team.
- Familiar with Hazardous Area Classification

Related Experience

Career :

INSTRUMENT AND CONTROL ENGINEER

PT ECOGREEN OLEOCHEMICALS BATAM

Batam (November 2016 – present)

CAPEX : EOMB RELOCATION

Relocate Fatty Acid, Fatty Alcohol, Power Plant, Water Treatment Plant, Coal Boiler Plant from Belawan site to Batam Site, 2018 – present

- Prepare As Built Document (Instrument Plot Plan Drawing, Hook Up, Impulse Line, Typical Drawing, Connection List, Loop Drawing, etc).
- Create reservation and check bidding for instrumentation equipment from vendor
- Attending Internal & External Kick of Meeting with another division for handover new project. Coordination Meeting with Project Team for Clearance Technical Issue, Project Schedule & Project Execution Strategy Related to Instrumentation.
- Supervise Site Installation Activity for Prepare Site Execution with Proper and Suitable with Document Engineering Approval
- Involved in Internal Test Activity at Site, Site Acceptance Test & Commissioning for Project Metering Systems with Other Project Team
- Coordinating with contractor and Sub-contractor for various work and test.
- Administer the relevant contract, its contractors and suppliers associated to the works as contract holder to ensure compliance to the procedures, policies and guidelines set to support the maintenance needs

CAPEX : Engineering Work Request (EWR).

Modification and Expansion for continues running plant, requested by area Section Head

- Formulate a plan, review and analyze preventive maintenance strategy for the equipment instrumentation in order to achieve highest efficiency of the activities for reliable and safe operation.
- Provide technical advice during troubleshooting and corrective action of instrument breakdown or failures to find the root cause and best solution in order to restore the functionality back to normal.
- Identify, study, propose, and implement area for improvement (project) in the field of instrumentation engineering to enhance operation and improve total equipment reliability.
- Supervise work execution on site, develop procedures and instruction for either maintenance, shutdown or project to ensure compliance to safety, specification, standard and procedures in order to achieve highest quality of the work.

- Involved in Internal Test Activity at Site, Site Acceptance Test & Commissioning for Project Metering Systems with Other Project Team.

**INSTRUMENTATION TECHNICIAN,
PT ECOGREEN OLEOCHEMICALS BATAM
Batam (Sept 2013 – October 2016)**

Responsible Area : Hydrogen Plant, Methylester Plant, Fatty Alcohol Plant, Utility Plant (Water Treatment Plant, Waste Water Treatment Plant, Water Cooling Tempered, Coal Boiler, Power Plant

Overall Summary :

- As shifter (3 Shifts) and regular group to inspects, tests, adjusts, and repairs electric, electronic, mechanical, and pneumatic instruments and systems utilized by production and manufacturing equipment to ensure adherence to established performance levels and product quality.
- Research and develop of instrumentation for process system modification
- Monthly preventive maintenance, breakdown maintenance and shutdown maintenance

Responsible Ecogreen Oleochemicals Internal Project :

- Supervise and approve construction activities and co-ordinate various aspects of project construction including inspections, material submissions and working drawings from contractors, and processing documentation as required.
- Conduct daily inspection for field instrumentation such as installation, cable termination, etc according to Engineering document (Hook-Up, P&ID, Datasheet and Cable schedule).

Internal Project Experienced :

1. Coal Boiler Power Plant (ZUG BOILER, Section 738) Batam, March – April 2016
2. Hydrogen Plant And Methylester Plant (EOB 3 PLANT) Batam, December 2015
3. Coal Oil Thermal Heater Boiler Plant – Section 519 and 520, Batam, January – April 2014

MAINTENANCE TECHNICIAN

**PT TRANSALINDO EKA PERSADA,
Batam (February – June 2013)**

- Troubleshoots and repair electrical equipment such as grinding machine, welding machine and overhead crane.

Certification :

- Certified Oil and Gas Instrument Inspector (COGII), Batch XXX, Yayasan Pendidikan Ikbal M Yos, Batam, 2016
- Understanding Classification of Hazardous Locations and Equipment Protection – Underwrites Laboratories Singapore - Ikbal M Yos – 2012
- Basic Safety Training, Politeknik Negeri Batam – PT. Exaudi Bina Karya - 2013

Training :

- HONEYWELL Experion PKS (2016), Social Accountability 8000 (2016), Fire Fighting Training (2015), Lock Out Tag Out (2015), Risk Assessment and Analysis (2015), Management of Calibration (2015), First Aid Training (2015), Emergency Response Team (2015), Emerson Delta V (2014), Swagelok Tubing Fitting (2014), FLOWSERVE Control Valve Training (2013).

Instruments Experienced in :

- Endress Hauser, Yokogawa, Honeywell, Magnetrol, AMETEK, Foxboro Eckard, WIKA, SAMSON, Flowserve.
- Emerson 475 & 375 Communicator with HART and Foundation Fieldbus Protocol.
- Fluke Loop Calibrator 4-20mA, Decade Resistance Box, and 789 Fluke Processmeter
- Buddenberg Deadweight Pressure Calibrator (0-1000 Bar)

Batam, 2021

(Deddy Christian)