





Fatkhy Baridwan

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QUALITY PROFESSIONAL

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[/fatkhybaridwan](#) 

Results-Driven Quality Leader with 20+ years of experience driving excellence in Oil, Gas, and Petrochemical industries. Renowned expertise spans Quality Management Systems, Materials Science, Welding Engineering, Corrosion Resistant Alloys, and Advanced Inspection techniques.

A proven track record of successfully leading over 150 projects across diverse organizations, including manufacturers, EPCI contractors, and end customers. Consistently ensured compliance with international standards and regulations, delivering exceptional results and cementing long-term partnerships

Skills

- Quality Management System Excellence
- Quality Exhibit Preparation for Tender / Contract
- Quality Resources Planning (Staffing & Budget)
- Organizational Excellence
- Internal and External Audit
- Contractor & Supplier Quality Management
- Inspection & Test Planning
- Criticality Based Inspection
- Welding & Materials Engineering
- Permit & Certification
- Welding Engineering

Experience

January 2023 – Present

Medco E&P Natuna Ltd. (PMC) as QA/QC Lead for Terubuk Project

Terubuk Project is development project of Terubuk Offshore Oil & Gas Field located in Block B of the South Natuna Sea. The project scope mainly includes development of 2 Wellhead Platform (WHP) designed as Minimum Facility platform (MFP) with simple and robust technology allowing minimum manual operation and maintenance, a Subsea Pipeline End Manifold (PLEM), and subsea pipelines connecting the WHPs to Belida Drilling Production Platform.

In my role as QA/QC Lead, reporting to Terubuk Project Manager, I am responsible to develop and implement quality system during FEED, tender, and execution stage. I am also responsible to perform assessment to various fabricators and vendors prior to contract placement as well as review and manage quality system implementation at various fabricators and vendors, including of long lead items (40 packages) during fabrication / manufacture up to complete installation.

Januari 2021 – December 2022

Medco E&P Natuna Ltd. (PMC) as QA/QC Lead for Belida Extension Project

Belida Extension Project is a development project of Malong and Belida North East (NE) fields located in Block B of the Natuna Sea. The project scope mainly includes development of 2 Wellhead Platform (WHP) designed as Minimum Facility platform (MFP) and subsea pipelines within the area.

In my role as QA/QC Lead, reporting to Belida Extension Project Manager, I was responsible to develop and implement quality system during tender stage as well as execution stage. I was also responsible to review and managing quality system implementation at fabrication facility and various vendors, including of long lead items (15 packages) during fabrication/manufacturing stage up to complete installation.

Januari 2020 - Present

Professional Project and Quality Management Consultant and Training instructor / lecturer for Welding and Quality Related Subject

This is a professional role where I provide advice and support related project execution and quality management system to several companies as a freelance consultant.

I was also actively delivering training related to quality management system, welding, or project management in form of pro-bono training to community or professional training in university or training company

November 2014 – December 2019

ConocoPhillips (Grissik) Ltd.(PMC) as QA/QC Lead for Suban Compression Project (Feed, Tender& Execution Stage)

Suban Compression Project is a development of compression station within Suban Gas Plant (Onshore, South Sumatera) due to its field reservoir pressure decline in order to maintain the production plateau to meet existing Gas Sales Agreement and support domestic demand growth. The project scope mainly includes installation of inlet compression, fuel gas conditioning, additional inlet cooling, and additional power generation within the Suban Gas Plant boundary and additional utilities systems.

In my role as QA/QC Lead, reporting to Suban Compression Project Lead / Manager, I am responsible to lead quality department consisting of Quality Engineer, Site QC Coordinator, Certification Coordinator and various discipline and vendor inspectors in multiple locationsto implement a comprehensive quality system during project execution and to implement an effective inspection and testing strategy as well as monitoring contractor's performance to ensure that the project outcome will meet project and operational requirements.

September 2012 – February 2015

ConocoPhillips Indonesia (PMC) as QA/QC Lead for South Belut Development Project

South Belut project is a development of the Block B gas field, Natuna which comprising of 8 sub-sea wells, sub-sea pipe line and sub-sea control system, tie-in into an existing North Belut Platform. The scope will also include modification of North Belut Processing Platform to absorb and deliver South Belut gas production.

In my role as QA/QC Lead, Reporting to Corporate's Project Quality Manager and South Belut Development Project Manager, I was responsible for all quality aspect within this project as well as monitoring contractor's and subcontractors' performance to ensure that the project outcome will meet project requirement. I was also responsible for leading quality department to implement a comprehensive quality system in relation with inspection and testing including product traceability and integrity and to work in line with entire project team to achieve project goals.

November 2007 – August 2012

CladTek Bi Metal Manufacturing

Cladtek Bi Metal Manufacturing (Formerly known as CladTek international) is a leading manufacturer and supplier of Bi-Metal CRA Lined Pipe (mechanically bonded CRA lined pipe) and associated Weld Overlay Clad Steel Piping Components for the worldwide Oil & Gas industry.

Period of Assignments

March 2010 – August 2012 as Technical Manager and Lead Auditor

In my role as Technical Manager, reporting to General Manager, I am responsible for heading Technical Department with various tasks covering welding engineering, process design, research and development

In my role as Lead Auditor, reporting to Managing Director I am responsible to perform quality and process audit for the company both internal and external, including supplier and subcontractor qualification. This role would require me to liaise with all levels of company structure as well as visiting suppliers and subcontractors as required. In this role, I am also required to work closely and to provide assistance to QA/QC Manager in quality management system implementation.

During the period of September 2010 – February 2011, in parallel with the carried role, I was also requested to cover QA/QC responsibilities in vacant of the position.

November 2007 – February 2010 as QA/QC Manager, Lead Auditor and Management Representative (MR)

In my role as QA/QC Manager, reporting to General Manager and Managing Director, I am responsible for heading Quality Department in performing quality activities through projects in parallel with assuring quality system implementation and development both in projects and company operations. This role also requires me to provide continuous technical support and quality assistance to project and production team for continuous improvements.

In my role as Management Representative, reporting to Managing Director, I am responsible for representing company's management for continuous development, implementation and maintenance of the company's ISO 9000 accredited Quality System.

April - October 2007

Nippon Steel Corporation as QA/QC Engineer for South Sumatra – West Java (SSWJ) Gas Pipeline Project

Nippon Steel Corporation is Engineering, Procurement and Construction Company based in Tokyo, Japan. South Sumatra – West Java Gas Pipeline Project is a project mainly consisting gas transportation pipelines (Onshore and offshore) transporting gas produced in South Sumatra to West Java up to customer locations.

April 2004 – March 2007

PT. Inti Karya Persada Teknik (IKPT) as QC Engineer for South Sumatera Gas Development Project (PPGS) and Corporate Material Engineer

PT Inti Karya Persada Teknik in one of the lead national Engineering, Procurement, and Construction Company based in Jakarta specialised in Oil & Gas and Petrochemical sectors. South Sumatra Gas Development Project consists of three major packages. IKPT executed package 2 which includes development of Benuang Gas Compression Station, and multiple transportation pipelines from Benuang to Pagardewa; and Package 3 which includes development of Merbau processing station, Pagardewa Gathering Station and multiple flowlines from West Musi to Merbau.

September 2002 – February 2004

PT. Petrosea, tbk as Site QC Inspector / Shop QC Engineer

PT Petrosea, Tbk is an Australian-Indonesian Engineering, Procurement and Construction Company specialised in Oil & Gas and Mining sectors

In this company, I was involved in various projects including West Seno Onshore Project at East Kalimantan, Indonesia; Babo Airstrip Project at Irian Jaya, Indonesia; and Unocal Attaka Project at East Kalimantan, Indonesia. For the mentioned projects, I was assigned as Site QC Inspector or Shop QC Engineer.

2000-2002

Laboratory of Metallurgy Process, Department of Metallurgy and Material, University of Indonesia as Lead Laboratory Assistant

This was an undergraduate job to support University's Professor in maintaining Laboratory activity and planning Laboratory training for student and public (including industry). The activity involving metal casting and moulding as well as metal testing

RESEARCH / LECTURING EXPERIENCE

January 2022 - Present	Center for Material Processing and Failure Analysis (CMPFA), University of Indonesia – Lecturer in International Welding Engineer Course
August 2020 - Present	Welding Innovation and Research Center (WIRC), University of Indonesia – Lecturer in Basic and Standard Welding Inspector Course (BNSP)
March 2022 - Present	Pusat Pelatihan Kerja Khusus Pengembangan Las (PPKKPL – BLK Condet) – Lecturer in Basic Welding Inspector Course (BNSP)
April 2021 – Present	Welding Study Center – Lecturer in International Welding Inspector and International Welding Engineer Course
December 2021 – February 2022	Coordinator for module preparation for International Welding Engineer course in CMPFA, University of Indonesia
January 2020 – Present	Welding Inspector Community – Lecturer in various welding subjects
December 2021 – February 2022	Coordinator for module preparation for International Welding Engineer course in CMPFA, University of Indonesia
July 2010 – August 2012	Gamma Buana Persada as Lecturer for Welding Inspector Course
July – August 2009	International Institute of Non-Destructive Testing (IINDT) as Lecturer for Welding Inspector Course
June 2009 – December 2014	Offshore Technology Institute as Lecturer for Welding Inspector Course
May 2009 – December 2011	Universal Power Vision as Lecturer for Welding Inspector Course
2002	Enrichment of Titanium Oxide Content in Iron Sand using Hydrochloric Acid

EDUCATION

Degree Metallurgical Engineering, University of Indonesia (2002)

PROFESSIONAL CERTIFICATION

Badan Nasional Sertifikasi Profesi Welding Inspector Comprehensive (Senior Welding Inspector)
Badan Nasional Sertifikasi Profesi Metodologi Pelatihan (Level III)

American Society for Nondestructive Testing
International Welding Engineer (Diploma)
ASEAN Engineer
Senior Professional Engineer

Electrical Installation in Hazardous Area (EEHA)
ISO 9001:2015 Lead Auditor
TWI Cathodic Protection Engineer
Welding Inspector
API 570 Piping Inspector (Exp)
Welding Engineer (Exp)
CSWIP 3.1 Welding Inspector (Exp)

Ultrasonic Testing Level II
International Institute of Welding (IIW)
The ASEAN Federation of Engineering Organizations (AFEO)
The Institution of Engineers Indonesia (PII)– Member ID0905-09-016280
ConocoPhillips Indonesia Internal Training
Neville Clarke, Certificate No. NCI-PT/0340 – Transition by BSI
The Welding Institute / TWI, UK, Certificate No. 12ZA/572108
MIGAS, APITINDO and University of Indonesia
American Petroleum Institute – Certificate ID No. 38172
Japan Welding Engineer Society–Indonesian Welding Society
TWI South East Asia, Certified by CSWIP & TWI

PROFESSIONAL MEMBERSHIP

Indonesian Welding Society – Jabodetabek Branch – Head of Training and Certification Department

Indonesian Welding Society – Authorized Nominated Body (IWS-ANB) – Head of Secretariat Working Unit

Persatuan Insinyur Indonesia / Indonesia Engineer Association (PII) - Member

The Welding Institute – Member in Welding Engineering and Inspection

American Petroleum Institute – Member in Piping Inspection and Risk Based Inspection

Referee:

Fajar Sasongko – Former direct supervisor (Project Lead at Suban Compression Project)

Project Manager at Medco E&P Corridor – Formerly known as ConocoPhillips (Grissik) Ltd.

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Cino Calfino – Former direct supervisor

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Paul Montague – Former direct Supervisor (Managing Director and Owner of Cladtek)

Chairman and EVP at Cladtek

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