Tommy Arjanggi



Name	: Tommy Arjanggi
Date of Birth/Age	: December, 24Th 1988
Phone	: 62812 3107 2032
Email	: Tommy.arjanggi12@gmail.com
Fixed address	: Komp.DKI Blok M3/26 Pondok Kelapa East Jakarta
Marital Status	: Married
Nationality	: Indonesia
Children	: One children
Current Location	: Jakarta, Indonesia
Education Degree	: Magister Of Petroleum Engineer

Summary

Senior Mechanical Piping engineer at EPCC with experience more over 11 years For Refinery, Power Plant, Petrochemical, Geothermal, FPSO, Well Head Platform project. Having duty to consider engineering value during detail engineering design using engineering code & standard, calculation, standard practices and technical specification with concern to safety, quality, constructability, operability

Formal Education

2006-2010 Materials and Metallurgical Engineering, Sepuluh Nopember Institute of Technology (ITS) Surabaya-Indonesia GPA 3.20 with final project Characterization of Zinc Anode With Variation Chemical Composition at Environment With Different Salinity

2014-2016 Master Petroleum Engineer-Trisakti University GPA 3.44 with Final Thesis The Influence Of Coefficient Friction To Drag Load, Torque and Buckling on Drilling With Casing (DWC) at Directional Drilling 39-A6 AND 39-A8 Wells

PROFESSIONAL CERTIFICATED

- IPP(Engineering Professional Pratama) from The Institution of Engineers Indonesia

PROFESSIONAL ORGANIZATION

- The Institution of Engineers Indonesia
- Indonesia Petroleum Engineers Indonesia

PROFESSIONAL CAREER

- **Consortium ETI Yuhan Tech and PBAS**

  Onshore Project :
  - Revitalization Residue Catalys Cracker Pertamina Refinary Unit VI Balongan

  Work Location : Jakarta,Indonesia
  Type Of Work : Full time
  Role : Senior Mechanical Piping Engineer and Construction (March 2021-now).
  Job Assignments :
  - Responsible for material requisition piping and mechanical

- Responsible for Datasheet manual valve, Special item
- Responsible for material requisition spring support
- Responsible for Stress Analysis Reformer and Steam superheater of project.
- Responsible for Stress Analysis Calculation with Caesar II Software
- Responsible for review vendor Quotation
- Participating in design review with Client.

- **PT. Rekadaya Elektrika**
  Onshore Project :
  - Water Treatment Plant Coal Fired Suge Belitung (2x16.5MW)
  - Main Hydrant Coal Fired Power Plant Tanjung Awar-awar.
  - Mobile Power Plant Banda Aceh 1x50 MW

  Work Location : Jakarta,Indonesia
  Type Of Work : Full time
  Role : Project Engineer Mechanical and Piping (February 2017-March 2021).
  Job Assignments :
  - Responsible for check Hydraulic Calculation of project.
  - Responsible for check Stress Analysis Calculation with Caesar II Software
  - Responsible for rotating equipment
  - Responsible for pressure vessel design
  - Responsible for check Material Selection.
  - Responsible for check of engineering Specifications
  - Responsible for check Painting Specifications.
  - Prepare Engineering Execution Plan
  - Review engineering Vendor Scope
  - Participating in design review with Client.

- **BBPU ITS**
  Offshore Project :
  - Feed Tutung Field Gas Development.

  Work Location : Jakarta,Indonesia
  Role : Lead Piping Engineer(October 2019-September 2020).
  Job Assignments :
  - Responsible for Stress Analysis Calculation of T-1 and TA-1 platform.
  - Responsible for Prepare critical line list
  - Responsible for check Material Selection.
  - Responsible for check of Piping material Specifications
  - Responsible for check MTO piping and valve.
  - Responsible for check platform equipment layout Main deck,cellar deck and sub cellar
  - Responsible for check piping plan and section main deck,cellar deck and sub cellar
  - Participating in design review with Client.

- **PT. Rekayasa Industri**
  Onshore Project :
  - BAP Petrochemical Project
  - Lahendong Geothermal Project.
  - Sriwijaya 2B Petrochemical Project.

  Offshore Project:

- Feed INPEX Masela FLNG Project - FLNG Topsides

Work Location : Jakarta,Indonesia
Type Of Work : Full time
Role : Senior Piping Engineer (December 2013-December 2016).
Job Assignments :

- Responsible for planning, scheduling and coordinating the technical of project.
- Stress Analysis Calculation with Caesar II Software
- Assessment of stresses developed in the piping systems components (permanent loads, operating loads, occasional loads – wind, seismic, sea wave loads)
- Pipe supports type and location establishment, pipe supports selection and design, pipe spring supports design.
- Assist in the preparation of engineering Specifications
- Review engineering piping work

- **DSME(Daewoo Shipbuilding Marine Engineering)**

Period : Februaty 2013- December 2013
Work Location : Kuala Lumpur, Malaysia
Type Of Work : Full time
Role : Sr.Piping Stress Engineer
Offshore Project: : INPEX Ichthys Project - FPSO Topsides
Job Assignments :

- Analysis Effect of acceleration due to various wave conditions.
- Analysis Effect of structural deflection due to module movement.
- Analysis Effect of displacements due to hull deflection on piping.
- Analysis Preparation of detailed stress analysis report for client approval.
- Analysis Preparation of support and loading details for Support team.
- Analysis Preparation of stress Specification & critical line list and other deliverables.

- **JGC Indonesia (Japan Gasoline Coorporate)**

Offshore Project:

- Floating LNG Petronas (FLNG Project)

Onshore Project:

- Donggi Senoro LNG Project.
- Train 9 MLNG Petronas Project

Role : Piping Engineer (May 2010- February 2013).
Job Assignments :

- Responsible for undertaking, piping, painting and insulation design reviews.
- Stimulates challenges and supports the Engineering Contractor to strive for easy/simple solutions and to avoid unnecessary changes. Takes part in the Constructability reviews.
- Prepare and participate in design reviews and other meetings, as necessary.
- Review of the piping stress procedures and activities with particular regard to fatigue and the information interface with other disciplines;
- Submitting the piping stress calculation packages to the company client for acceptance once the Detailed Design Contractor has approved them
- Design the piping supports and their attachment to the main structure regarding to the piping loads.

Training Courses

2015 : Project Management at PT. Rekayasa Industri

2013 : Aveva Marine At Daewoo Shipyard Marine Engineering

2010-2011 : Piping Engineer at Offshore Technology Institute Batam Island-Indonesia

2009 : NDT Inspector level II PT/MT NDE Center Surabaya

2008 : AUTOCAD 2&3D at Gajah Mada Computer Kediri-Indonesia

Language Skill

Language Skill	**Understanding**		**Speaking**		**Writing**
	Listening	**Reading**	**Spoken Interaction**	**Spoken Production**	
Bahasa	Advanced	Advanced	Advanced	Advanced	Advanced
English	Advanced	Advanced	Advanced	Advanced	Intermediate

Computer Skill

Computer Skill Aplication	**Level**		
	Beginner	Intermediate	Advanced
Microsoft Office			√
Autocad 2D			√
AFT Impulse			√
Pipe Flow Experd			√
CAESAR II			√
Microsoft Excel		√	
Navis work			√

Reference

Name	**Phone Number**	**Position**
Agus Supriyadi	+62 81908274711	HRD Manager PT. DSME
M.Abriyaskar	+62 82124617684	Piping Group Manager PT. JGC Indonesia
Murdjito	+62 812-1697-6356	Project Manager FEED Tutung Gas Development

I confirm and guarentee all information above is true.

Tommy Arjanggi