



ANDI LESTARI SITEPU, S.T., M.M.

Sr HSSE Engineer | HSSE Line Correspondent Project Department

Kota Wisata, Orlando, RA.4 no.18, Jawa Barat Indonesia, 16968

Email: andi.sitepu@hotmail.com

LinkedIn: www.linkedin.com/in/andi-sitepu

Date of birth: 15 Nov 1988

Mobile: +62-81221219931

Executive Summary

Senior HSSE Engineer with more than 10 years-experiences in International Oil and Gas Industry. Specific background with various Health, Safety and Environment i.e. develop objective and initiative, incident reporting and analysis, HSSE communication program, Hazard Identification, Risk and Major Integrity Trade analysis, process safety, professional investigation, prepare contingency plan and procedure, develop industrial hygiene program, and major trade in term of environment and health. Qualified as risk assessment coordinator, CTA and investigation leader, hazard identification in term of modification and management of change, safety and environment authority and delegation, professional investigator, super administrator of various tools for health, safety and environment reporting, On Scene Commander, work permit coordinator, and involvement related to business continuity plan. Actively as a trainer for various training on site such Advance Contractor Safety Authorization Training, supervisor and leader empowering, HSSE awareness, Gas Tester, Radiation Protection, Contractor Safety Management System (CSMS) awareness, permit to work system, and safety man authorization. Coordinator for emergency preparedness related to process facility on site, prepare some scenario exercise as part of major integrity trade and business continuity plan, and coordinator of emergency intervention team.

EDUCATION

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| • Bachelor of Mechanical Engineering, ITB | 2007-2012 |
| • Master of Business Management, Binus Business School | 2019-2021 |

EMPLOYMENT HISTORY

- **Pertamina Hulu Mahakam – Sr Engineer Well Connection/Senior HSSE Engineer** (*Sep 2024 – present*)
Special Job Description:
 - Monitor/review Contractor HSSE Management System (CSMS)
 - Perform audit and verification of CSMS
 - Support Greenfield and Brownfield project in term of HSSE aspect
 - HSSE Focal Point for OPLL2B Brownfield project
 - HSSE Focal Point for Project activities at Senipah, Peciko, South Mahakam Field
 - Prepare and maintain leading and lagging indicator for Project activities
 - Involve in reviewing Project Contract in term of HSSE aspect
 - Develop HSSE lagging and leading indicator for Project department
- **Pertamina Hulu Mahakam – Environment Officer/Emergency Response Officer** (*Apr 2022 – Aug 2024*)
Area: Senipah, Peciko, and South Mahakam Field
Special Job Description:
 - Identify potential of major risk in term of environmental aspect
 - Coordinator Anti-Pollution equipment
 - Coordinator Environment awareness training
 - Person in charge of ionization radiation waste (TENORM storage)
 - Ensure MOTUM (Oil Spill Model) application is ready to use with competent operator
 - Involved in Team Energy to comply ISO 50001:2018 Energy Management System
- **Pertamina Hulu Mahakam - Senior HSSE Officer** (*Aug 2021 – Mar 2022*)
Area: Bekapai Field

Special Job description:

- Lead Risk Assessment and any Down Graded Situation
- Involved in Hazard Identification and Study during implementation of single vessel operation
- Involved in major risk and integrity trade analysis
- Health Safety Security and Environment reporting
- Coordinator of Emergency Intervention Team
- Simultaneous Operation (SIMOPS) risk assessment and authorization
- Professional incident investigation

Special Role:

- Acting as HSSE superintendent
- Coordinator of Anti-Pollution Boat and equipment
- Training coordinator and instructor for various safety and operation training

- **Pertamina Hulu Mahakam - Senior Safety Supervisor (Jan 2018 – April 2021)**

Area responsibility: Senipah, Peciko, and South Mahakam Field

Special Job description:

- Involved in major integrity trade analysis
- Involved in Down Graded Situation risk assessment
- Involved in Hazard Identification and Study
- Involved in hazard identification of single high-pressure Flaring system at PPA area
- Simultaneous Operation (SIMOPS) risk assessment and authorization
- Review contractor and stakeholder bridging document
- Lead Risk Assessment and any Down Graded Situation

Special Role:

- Acting as Safety and Environment Superintendent
- Training coordinator and instructor for various safety and operation training
- Coordinator for Safety System improvement: Firewater extension line with minimize cost project
- Coordinator and instructor for various safety and operation training

- **Total E&P Indonesia - Safety Supervisor (Jul 2014 – Dec 2015)**

Area Responsibility: Senipah, Peciko, and South Mahakam Field

Special Job description:

- Involved during Study of Tank Farm Fire Contingency
- Involved during Tank Farm Improvement Project
- Involved during High-Capacity Canon Monitor Study, Trial, and Commissioning
- Coordinator during Tank Farm Fire Workshop and Join Exercise
- Involved in major integrity trade analysis pipeline 42" export line Senipah-Badak
- Involved in major integrity trade analysis Single Buoy Mooring and Tanker Loading Operation
- Involved in major integrity trade analysis Tank Fire abandon plant
- Involved in Down Graded Situation risk assessment
- Involved in Hazard Identification and Study

Special Role:

- Safety authority during ENI tie in project to 42 in Export pipeline TEPI-Badak (Hot tapping and gas in activity)
- Coordinator for various Safety and Environment workshop
- Coordinator during Advance Improvement for Emergency Intervention Team skill and competency
- Instructor and leader of Emergency Respons Team on behalf of Total E&P Indonesia

- **Total E&P Indonesia - Safety Supervisory Trainee** (Jun 2012 – Dec 2013)

Special job description:

- Pendidikan mental at Pusat Pendidikan Perhubungan Militer
- Introduction to oil and gas industry/Petroleum Operation (IPO)
- Training and certification related to safety operation
- Hands on training at Senipah, Peciko, and South Mahakam Field
- Hands on training at Central Processing Unit (CPU) field
- Hands on training at North Processing Unit (NPU) Field
- Hands on training at Handil Field
- Hands on training at Big Marine Activity (rig/barge move in and out)

PROFESSIONAL TRAINING AND CERTIFICATION

Certification/Training	Organizer	Year
Process Safety management	NEBOSH HSE Certificate	Sep 2022
Industrial Hygiene	LSK-K3 ICCOSH	Apr 2022
Process Safety Fundamental	Velocis Solution	Jun 2021
Contractor Safety Management System	BNSP certification	Dec 2020
HAZOP	Handal Training	Dec 2019
Radiation Protection Officer	BAPETEN certification	Aug 2018
Project Management for Smart Mentee	Pt. Project Management Academy	Aug 2018
Basic Surface Safety System	Mairodi Mandiri Sejahtera	Mar 2017
Downgraded Situation	PHM	May 2020
Hazardous Area	PHM	Nov 2020
Inhibition Management	PHM	Nov 2020
Process Isolation	PHM	May 2020
Business Integrity	PHM	May 2020
Security Management System	PHM	Jul 2019
Risk Awareness & Prevention	Fiqry Jaya Manunggal	Dec 2012
Special Hazard	Fiqry Jaya Manunggal	Jun 2013
Physics and Chemistry of Fire/Explosion/Gas Leakage	PT. Caraka Bumi	Jan 2013
Production Safety System	Fiqry Jaya Manunggal	Jan 2013
Hazard Analysis and Risk Assessment		Jan 2013
On Scene Commander	Benchmark Training & Management Service	Mar 2013
Professional Event Investigation	DNV	Mar 2013
Safety Design Engineering	LDI Training / Stewart Training Co.	Mar 2013
OHSAS 18001: 2007 Awareness Course	DNV	Apr 2013
Advanced Cause Tree Analysis	Faral - Conseil en maîtrise des enjeux humains	
IMO (International Maritime Organization)	Response Multi Dimensi	Sep 2014
Advanced Cause Tree Analysis	Total E&P Indonesia	Oct 2013
Presentation Skill For Finance	Dale Carnegie	Dec 2012
Problem Solving & Decision Making	Dale Carnegie	Dec 2012
Assertive Communication & Interpersonal Skill	Dunamis	Nov 2012

SKILLS

- Analytical thinking

- Data enthusiasm
- Adaptability
- Reporting and Data Visualization

ACHIEVEMENT

- 1st place of Mahakam EIT Challenge 2024 Pertamina Hulu Mahakam (Team Manager)
- SMART project “Optimization of Swamp well connection” PHM, 2018
- 3rd Place Overall Winner “Indonesia Fire and Rescue Challenge” Sangata KPC Indonesia, 2017 (Team Captain)
- Ganesha Karya Award as a student achievement ITB, 2011 (Team Leader)
- 1st place in the Urban Concept Category Gasoline Fuel Award SHELL ECO MARATHON ASIA, 2011
- 3rd Winner of Indonesia Mechanical Innovation Challenge, ITS, 2010 (Team Leader)

Language

- Indonesia
- English