



# Makhrus Shofi

E-mail : [mshofi86@gmail.com](mailto:mshofi86@gmail.com)

Phone : +6285281463753

Website: <https://id.linkedin.com/in/makhrus-shofi-2b22a139>

Address: Permata Gading  
Residence (Sepinggan  
Pratama)  
Block K7/No.8, RT.44,  
Kel. Sepinggan Baru,  
Kec. Balikpapan Selatan  
East Kalimantan,  
Indonesia 76115

## Qualifications

---

Exceptionally dependable and detail-oriented Health, Safety and Environmental (HSE) Specialist with a stellar record of workplace, project and oil&gas production HSE improvements. Adept at professional communication with employees at all levels. Able to function well as a team member or independently.

Assigned as HSE specialist of ONSHORE production facility. I managed around 500+ workforce and various ONSHORE Production Facilities safety. The ONSHORE production facilities and activities consist of Process Plant, Tank Farm/Depot, Tanker Fuel Loading Facility (Product Movement), Maintenance, Construction, Marine, Reliability & Facility Inspection, Building Maintenance and Warehousing.

Core competencies;

1. Managing Safe Works Expert (Hot Work, Confined Space, Work at Height, Excavation, Isolation of Hazardous Energy (Lock Out Tag Out), Commercial Diving, Lifting-Rigging, Bypass Critical Protection, Portable Gas Detection, Simultaneous Operations-SIMOPs)
2. Contractor Safety Management System
3. Managing HSE Incidents
4. Connecting the dots of process safety (Asset Integrity, Compliance Assurance, Contractor HSE Management, Emergency Management, Facilities Design & Construction, Incident Investigation & Reporting, Management of Change, Managing Safe Work, Operating Procedures, Process Safety Information, Risk Management, Technical Codes & Standards, Training & Competency)
5. Data Driven HSE Program
6. Managing HSE Audits (Personal and Process Safety)
7. Behavioral Aspect of Safety and Health (Assessment and Management) – Human Factors, and Behavior Based Safety
8. Occupational Hygiene (Physical Aspect)
9. Emergency Management (Onsite Response Team and Emergency Management Team)
10. Company Safety Culture and Climate (Assessment and Management)
11. Diverse Special HSE Promotions Projects include Multimedia HES promotions
12. DROPS (Dropped Object Prevention Scheme)

## Work experience

---

Pertamina Hulu Kalimantan Timur

Oct 2018 — Present

Health, Safety and Environmental Specialist of ONSHORE production facility

Direct Report: ONSHORE Prod. Facility Team Manager and Field HES Specialist Coordinator

Total Employees: 500+ People and 10+ contractor companies

Total Subordinate: 4 People

Work Location: Kalimantan Operations, Tanjung Santan east Kalimantan - Indonesia

### **RESPONSIBILITY:**

- Act as a process safety resource for risk identification and mitigation during design, construction, commissioning, turn-over to operations, on-going operations, asset integrity, management of change and decommissioning of facilities.
- Administer Leadership Engagement (personal safety) and Leadership Safeguards Verification (Process Safety) to assure critical safeguards according to Risk Management Result Studies are in place and functioning.
- Participate in various safety studies/activities, such as: PHAs, HAZOPs.
- Provide technical and tactical supports for HSE related personal & process safety and environmental audits
- Coordinates, monitors and track HSE and related KPIs.
- Measure compliance to the Company Safety Management System with contractor compliance audits and continuous periodic work-site inspections. Complete written reports accurately reflecting the results of audits and inspections.
- Promote safety awareness among employees by demonstrating behavioral observation skills. Conduct regular surveys to assess the level of safety awareness.
- Review and revise Company standards, policies, and procedures, and develop new hazard control standards in the areas of responsibility.
- Lead selected Root Cause Analysis investigations as the subject matter expert. Produce detailed reports using the vary Root Cause Analysis Tools that includes SMARTER recommendations to prevent re occurrence.
- Advise on the correct selection and use of personal protective equipment, safety systems, and rescue planning, and evaluate their effectiveness.
- Verify facility emergency response plans are maintained, and required emergency drills are conducted.
- Act as various workplace trainers : assessor and trainer of training.
- Implement the corporate environmental policy, monitor compliance, and obtain technical advice from the Environmental Team, as well as respond to concerns and requests for information.
- Provide needed support for the implementation of the HAZCOM program.
- Maintain records of all waste (including wastewater) generated by the organization, and work with Environmental Team to develop waste minimization plans.

### **ACHIEVEMENT/PROJECT:**

- **Comply to GOI Environmental Assessment (December 2018)** . Its a ministry of environmental and forestry of the republic of indonesia, Law enforcement division. I was assigned as strategical champion to verify and prepared facility to comply with GOI environmental regulations. **Result 2 minors finding only.**
- **Find and Fix Program (February 2019)**. Its a Hazards (condition and behavioral) Recognition Scheme to recognize workers who has identified, evaluated and promptly eliminated or controlled workplace hazards trough Hazard Hunt/Report and Behavior Based Safety Process into an acceptable level.
- **Corporate Life Saving Rules Focus (March 2019)**. Its a Monthly Assessment Survey based Fatality Prevention Elements to verify the compliance of fatality prevention in a monthtly basis with a specific focus elements. Life Saving Rule elements include Tools&Equipment, Safe Zone Position, Permit to Work, Isolation, Confined Space, Lifting Ops, Personal Flotation Device, System Override, Asset Integrity, Fit to Work, Working at Height, Driving Safety.
- **Vacuum Truck Procedure and Assessment (April 2019)** . Developed Governance of safe operating vacuum truck procedure in accordance of API RP 505, 500, 2013, 2219. The governance included but not limited to initial Vacuum Truck hazard assessment, Safe Work Practices, forms and grounding-bounding installation in Hazardous Classified Area.
- **Daily Health Check (Maret 2019)** . Established a system to measure worker's health daily basis with robust vital sign parameters (body temperature, blood pressure, Romberg test, pulse) to high risk job prior working include Work at Height, Confined Space Entry, Commercial Diving, Heavy Equipment Operator, Vessel Truck Operator and Journey Plan based Driver
- **Job Safety Analysis (JSA) Screening (June 2019)**. Improved JSA quality via Permit to Work process as screening tool. Provided series of Verification and Validation Criteria and liaised with Permit Approver to not allow the workers commencing work/task unless the JSA score is 100% complied.

## Safety Specialist of Facility Engineering

Direct Report: Facility Engineering Manager and Field HES Specialist Coordinator

Total Employees: 929 People and 18 contractor companies

Total Subordinate: 12 People

Work Location: Kalimantan Operations, Balikpapan base east Kalimantan - Indonesia

**RESPONSIBILITY:**

- Developing safety processes related to risk assessment and management, safety training, asset integrity, safe work practices, contractor safety, emergency preparedness, incident investigations, safety promotions, survey, etc.
- Scheduled and assist management site inspections of onshore and offshore oil/gas facilities, project construction sites, drilling rigs, and support facilities such office buildings, warehouses, and communities.
- Participate in various safety studies/activities, such as: PHAs, HAZOPs
- Strengthen Project safety executions: Review Contractor HSE plan, project SOPs, HSE training need matrix and competencies, review Contractor facility according to company safety In-design, identify and managed in-scope Sort Service Employees (worker need to be mentored), determine Project Safety KPI, series of safety engagements, etc.
- Develop and update safety standards, instructions, codes, and formalize them into company documented practices
- Respond to emergency situations and incidents either during or after regular working hours, to provide technical assistance and advice.
- Managing HSE incidents: secure the incident scene process, construct investigation team, incident data gathering, analyze 'sequence of Event and Why Tree, determine incident root causes, establish action plan, review the action plan (site review) and develop investigation report.
- Participate in developing and promoting on- or off-job safety educational/campaign programs to address safety issues or concerns. Assigned tasks may include: preparation of articles for publication, development of promotional materials, and delivery of presentations
- Conduct on-site reviews and audits of safety protocol at all jobsites both personal and/or process safety management
- Manage workplace safety hazards through hazard hunt and stop work authority enhancement programs
- Administer regular written safety reports, KPIs, register, meetings, hazard observations, etc into a proper e-documentation.

**ACHIEVEMENT/PROJECT:**

- **BRC Tank Repair Project.** Replacement of Rim seal and roof drain lines of 2 BRC tanks that contained condensate. Tank capacity 350 bbls. The project was include cathodic protection system (CPS) and Trafo Installation. Project value USD 3,200,000. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Sejadi Gas Lift Pipeline Project.** 4 inch underlying pipeline installation in 3.6 km length and + 50 m depth. Installation of pig launcher, pig receiver, Thermo Electric Generator (THEG) and Commissioning-Start Up included SKPP Migas certification. Project value USD 9,627,962.30. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Culvert construction and installation project.** As part of CSR to construct culvert within community road boundary with the project value over USD 210,000 and work scope as follow: Mobilization Box Culvert from Bukaka Workshop to RT02 Lawe-Lawe, Excavation and Foundation (R/L), Install Box Culvert 23 unit, Repair Ditch and Install Handrail. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Site Remediation Project.** Perform site remediation on the 67,650 m3 contaminated soil which spread into 15 locations with the project value over USD 11,606,000. The project consist with the following scope: Project Management (include KLHK verification), civil works (site preparation, e.g. subsurface clearance, site clearing, water management-channel & sump pit construction, site isolation, road maintenance, etc.), Work plan development & execution reporting, excavation, site mapping & logging, soil sorting, backfilling, loading & unloading and packaging, onsite transportation, Treatment/disposal (bioremediation, phytoremediation or licensed 3rd party services), soil storage at spreading Area Sampling, lab analysis, and Geoelectric survey include soil water well monitoring installation. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Slurry Treatment Project.** Provide service for slurry treatment at Santan Terminal to recover potential oil and to maintain operation reliability by managing slurry containment. This project is KLO high visible project 2017 with project value USD 4,516,266. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Flare Refurbishment Project.** Performed construction project on Attaka Flare with the following scope of work

TOPSIDE STRUCTURE (Boat landing, Diagonal Bracing, Doubler Leg Can, Ladder, Stair, Framing & Handrail, Riser Clamp), RISER TELESCOPIC SUPPORT and ANODE INSTALLATION. This project is KLO high visible project 2017 with project value USD 4.250.000. Recordable Injury: 0, Recordable Spill: 0, Recordable Fire: 0

- **Offshore Anode Installation Project.** To replace 905 anodes corrosion protection under water platform with the project value over USD 8,565,011. The project scope of work is anode fabrication, transportation, storage, under water installation, inspection and testing. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Slurry Pit Repair Project.** Repair existing Santan slurry pits to prevent any potential slurry leaks to environment with the following scope. This project is KLO high visible project 2017 under USD 506,948 project value. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **API Jumper Line Project.** Installation of New Jumper Line Drainage Line from Old API to New API Separator with the following scope: Fabrication connection and opening hatch, Leak test and repair as necessary if required, Excavation, compacting, concreting until pass QC, commissioning and Start-Up under USD 50,000 project value. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Canal Dredging.** To dredge santan canal over 1.2 km long, 30 m width and 2m depth under chart datum (CD). Total volume 1,270,000 m3 with total value: USD 1,327,642. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Test Separator Refurbishment.** Pumping water for cleaning inside vessel, Venting vessel, Open mainhole, Cleaning inside vessel, Entry vessel, Weld build up for repair of Vessel test separator, Weld build up nozzle of test separator, NDE Jobs, Painting, demolish spade blind and open valve upstream, Pre-Commissioning, commissioning and Start up. With the project value over 400,000 USD. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Platform Decommissioning.** 4 Monopod removal under 2,824,780 USD project value with the following scope of work: topside cutting (scaffolding, isolation drain, cutting and lifting) and underwater cutting. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Buoy repair.** Buoy repair for mooring readiness in TLP west seno with the following scope: buoy repair/decondition, mooring accessories procurement and installation, buoy decking under USD1.800.000 project value. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **LEX Plant Preservation.** The LEX Plant Preservation is to preserve LEX Plant and Santan LPG Offline Equipment until end of PSC. This is the KLO EFI project under 796,000 USD. Recordable Injury: 0, Motor Vehicle Crash: 0, Recordable Spill: 0, Recordable Fire: 0
- **Smooth Strategic Process Safety Audit (SPSA).** Assigned as MSW-EM-IIR processes and logistic champion to align those three OE processes into process safety management (connecting the dot) and be properly communicated into each stakeholders-relevant employee also coordinating all SPSA logistic related aspects to achieve smooth audit process. **Result 4 findings only.**

## Chevron Indonesia Company

July 2013 — May 2016

Engineer, HES

Direct Report: Safety and Occupational Hygiene Team Leader and OE/HES Manager

Total Employees: 4.732 People

Total Subordinate: 0 People but managing the TOTAL EMPLOYEES

Work Location: Kalimantan Operations, Balikpapan base east Kalimantan - Indonesia

Assigned to Safety & Occupational Hygiene-OE/HES Team, I'm supported out Loss Prevention within Oil and Gas both Surface and Offshore based Production in Chevron Kalimantan Operations (KLO) and not limited to:

- In charge of the development and maintenance of health and systems
- Ensure the standards are observed
- Provide the professional measures against technical problems. Develop hazards management training package and activity-based risk management system
- Negotiate and manage the safety and occupational hygiene budget
- Coordinate internal HES awareness campaigns – promotion medias (video, posters, other promotion medias)
- Liaise with Senior OE/HES Advisor in administer series of OE/HES researches and projects.
- Become MSW (Managing Safe Work) Champion in elaborating, campaign, and to have MSW elements properly implemented within the field operation.
- To control CHESM (Contractor Health Environment Safety Management) Audits to enhance the quality of HES

standards.

- Identify and proposed any new HES initiatives to Business Line Operation Manager or Business Line Project Manager in order to manage and control the hazard and risk on site.
- Participant and advice in constructing yearly OE/HES Budgeting and ensure the budget is estimated properly.
- Be Advisor and Facilitator of PTW (Permit to Work) within Managing Safe Work (MSW) Elements i.e IHE, Confined Space, Hot Work, Excavation, etc to ensure full compliance with Chevron Way.
- Participant and advice in Safety Committee Meetings as required in promoting company HES awareness and culture

#### **ACHIEVEMENT/PROJECT:**

- **Hearing Loss Prevention and Conservation Program (HLPC) (August 2013)**. Develops KLO Hearing Loss Prevention and Conservation Program (HLPC) governance to prevent Hearing Loss Case in Kalimantan Operation. This program had been adapted to Chevron IBU level.
- **Heart and Mind Project (Safety Climate using modified LSCAT methodology (September 2013))**. Successful conducting KLO Safety Climate Assessment Project (heart and mind). Safety Climate is a psychological approach that focused on organization, social environment for safety, individual appreciation for safety and the work environment as a snapshot of company safety culture.
- **Motor Vehicle Safety Enhancement Program (October 2013)**. KLO MVS Development Programs. This is one of OE Processes focused on Motor Vehicle Incident. We develop local KLO governance as a compliment of standardized IBU process with renews MVSP Training Material and Competency Verification to KLO Drivers
- **Data Driven HES Program (Starting October 2013)**. Success developed KLO Data Driven Program. KLO Data Driven Program is a very focus HES program driven by certain HES analysis data in certain period. The objectives of this program is to eliminate precise root causes to be re occurrence on company incident
- **Global OE Focus Weeks (Starting January 2014)**. KLO Global OE Focus Campaign. Breakthrough concept with fresh idea to renew workers commitment on OE aspects thru OE Photo Contest, OE Video Contest, OE Poster Contest, Online Quizes, MVS Refresher Training, OE Letter Contest and diminished thru closing ceremony with all workers across KLO thru video conference.
- **KLO 90 Days IFO (Starting March 2014)**. KLO 90 Days IFO Program. A program to sustain KLO OE Culture Journey by providing positive reinforcement to KLO workers (both Chevron and Business Partners) whenever achieves 90 Days incident Free Operations.
- **KLO Contractor Onboarding (April 2014)**. KLO Contractor On-boarding Program. The purpose of this Program is to complement IBU On-boarding standardized flow to on board / equip new members on a project team (Contractors and visitors) with essential OE information in order to begin the job safely and comply with Chevron HES Policy, Tenets of Operation, Managing Safe Work (MSW) and others applicable OE/HES requirements in Kalimantan Operations
- **Enhanced Ramadhan Safety Campaign (Starting July 2014)**. Developed fresh Ramadhan Safety Campaign idea by dividing the program into 4 different way in 4 weeks (total fasting in Ramadhan month). These approach success to maintain workers safety Ramadhan and cope with habitual diet change in preventing incident over Ramadhan period.
- **KLO 8 Office Safety Principles (Starting October 2014)**. Conducted data analysis for office BBS observation (Belibis) for period of 2011 – Q2 2014. The analysis indicate that, BBS observer - observed 92% safe behaviors and 8% at risk behaviors in KLO Office. The following Eight Principles of KLO Office Safety are based on Office BBS analysis of the at-risk behaviors from the BBS System.
- **Health, Safety and Environmental Video Induction Project (July 2015 – December 2015)**. Self-updated and re-touched 10 field area induction videos in term of: - Talent selection, - Directing scene, - Video shoot out of 10 field areas, - Script, - Voice over editing, - Background music selection, Efficiency around 87% cost (\$36,923) compare to previous project budget (utilize local KLO resources)
- **KLO Hands Off Lifting Operations (HOLO) Policy (March 2015 – November 2015)**. Data Driven based Incident Analysis to mandate push pull stick and tag lines in all KLO wide lifting operations, provide massive communication, Field Competency Verification, included in CHESM Forum and Business Partner Contract Amendments.
- **Personal Protective Equipment (PPE) Enhancement Project (Starting August 2015)**. Renew all existing PPE contract in KLO to be a sophisticated and safest specification of PPE. Engage relevant PPE principal to establish comprehensive company PPE guideline and procedure. Utilize principal after sales services to perform site education, consultation, survey and inspection to maximize efficiency.
- **LIFE'S Hand Safety Project (Starting December 2015)**. It's a robust guideline in preventing hand and finger injuries. Generate 5 elements to sustain Hand Injury Prevention Culture in KLO
- **Rotating Equipment Survey (October 2015 – January 2016)**. Identify rotating equipment/moving parts which is

in-scope at all KLO facilities. Liaise with facility owners to necessary action plans to mitigate the improper rotating equipment/moving part with proper guarding and sophisticated label. Apply Chevron Safety In-design.

## Multistructure

July 2012 — July 2013

Manager Site, HES

Direct Report: Project Manager and Corporate HES Head

Total Employees: 1.532 People

Total Subordinate: 24 People

Work Location: CS Contract Wur "A" LT-Heavy Oil Operating Unit – Chevron Pacific Indonesia Project Site, Duri-Riau

Assigned as HES Site Manager (One of PMT-Project Management Team), I lead and monitor the implementation of HES Management Plans and Emergency Response Procedures across Job Sites to ensure HES objectives are achieved with the following duties but not limited to:

- Establishing and Developing Annual HES Strategies to continually improve the HES Site System and Cultures with all Project Management Team (PMT).
- Set up High Standard of Annual HES Objectives both leading and lagging indicators.
- Prepare and attend as Company Representatives in Monthly Company Performance Meeting with Client (Chevron).
- Liaise with all Construction Management team (both internal or client) to ensure the safety in design (SID) associated with API – American Petroleum Institute standard.
- Provide various and specific 3W HES Action Plan to achieve specific HES Site issues
- Ensures adequate capable resources are available to provide HES support to wells & pipeline construction activities within the field
- Assures (from a HES perspective) that wells & pipeline constructions and fabrication shop operational standards are being rigorously applied in on the field.
- Become MSW (Managing Safe Work) Champion in elaborating, campaign, and to have MSW elements properly implemented within the field operation.
- To control CHESM (Contractor Health Environment Safety Management) Audits and monitor client complaints to enhance the quality of HES standards.
- Manages the development of HES staffs within the project site team.
- Making changes to working practices that are safe and comply with legislation and risk assessment
- Liaise with PMT to evaluate and monitor subcontractor/supplement HES Pre Qualifications submission.
- Deploy TMP (traffic management plan) within chevron standard in order to ensure proper traffic control in place during work execution.
- Perform routine scheduled inspections/visit with all site management across all jobsite to ensure HES adherence in Business Line site locations
- Identify and pproposed any new HES initiatives to Business Line Operation Manager or Business Line Project Manager in order to manage and control the hazard and risk on site.
- Support HES performance and maintain third party accreditation (i.e. OHSAS 18001, ISO 14001) and work effectively with certification body in order to preserve international standard accreditation.
- Emergency Drill (Fire, WAH, Biohazard, and Riot): Prepare scenario and propose to Project Manager.
- Manage the arrangement of several HES education, socialization, and campaign programs - designed by System Development group - to improve the HES awareness as well as to improve the HES competencies of all site employees (Confined Space, Spotter, Behavior Based Safety, JSA, OHSAS 18001, SWA, H2S awareness, Blind Spot, HES day Trainings and etc).
- Be Advisor and Facilitator of PTW (Permit to Work) within Managing Safe Work (MSW) Elements i.e IHE, Confined Space, Hot Work, Excavation, etc to ensure full compliance with Chevron Way.
- Manage all Corrective Action Register (CAR) at site database for Investigation; Audit, Inspection, Hazard Report, and JO Visit Close Out.
- Participant and advices in Monthly Driver Forum, Supervisor Forum, WTL Forum, and Client Safety Committee Meetings as required in promoting MS/Client HES awareness and culture.

### ACHIEVEMENT/PROJECT:

- **Behavior Based Safety Program Deployment.** Create and Develop Behavior Based Safety Training Package (GMOP-Green Multi Observation Process) on Project Site as a pilot project to deploy it into at all MS sites

- **Boost CHESM Rating Up.** Achieved 89.1 CHESM B+ score rating (A score is >90) of interim review whilst the previous score was C.
- **HES Compliance Tracker and Analysis Tool.** Create and develop comprehensive HES Compliance Gap Tracker, Analysis and Monitoring System which consist of 4 elements: Planning, Equipment, Environment and System

## Thiess Contractors Indonesia

March 2012 — July 2012

Coordinator, Plant Safety

Direct Report: Plant Site Superintendent and Manager

Total Employees: 1.152 People

Total Subordinate: 3 People

Work Location: Satui Mine Project, South Kalimantan – Indonesia

Assigned as Plant Safety Coordinator, I responsible for establishing annual H&S objectives and excellence strategies to achieve the targets, Safety Management Review, promote and coordinate for achievement of the safety performance to meet the legal and other standard requirements with the following duties but not limited to:

- Establishing and Developing Annual Plant Safety Strategies to continually improve the Plant Site Safety System and Cultures
- Set up High Standard of Annual Safety Objectives both leading and lagging indicators.
- Provide various and specific annual 3W safety Action Plan to achieve Site Plant Safety Objectives.
- To take care, promote and coordinate for achievement of the safety performance to meet the legal and other standard requirements.
- Making changes to working practices that are safe and comply with legislation and risk assessment.
- Managing and evaluating Industrial Hygiene Controls (Illumination, Noise and Naked Gas) to ensure the workplace health hazards are within appropriate standards.
- Managing all Plant Site TCI Safety Reports which consisted from 11 Regular Safety Reports.
- Managing 10 items of Site Plant Safety Promotion to promote people safe behavior.
- Development and analysis of various safety performances monitoring metrics.
- Together with Plant Management in setting up also review Risk Assessment suitability and update it based on HSE Alert, MOC (Management of Change), and other relevant information.
- Manage several Safety Audits (Internal safety audit, corporate safety audit, lifting operation, WAH,) of Mine Operational and Documentation Systems (including for subcontractors) in compliance with Thiess Safety Management System, completion of audit reports and follow up of corrective actions.
- Conduct, monitor and evaluate workplace inspections together with workplace superintendents, supervisors and workforces to ensure full compliance with Indonesian legislation and TMS
- Emergency Drill (Fire and WAH): Prepare scenario and propose to Plant Supt/Manager also produce further Drill Evaluation Report.
- Manage the delivery of all safety education, socialization, and campaign programs - designed by System Development group - to improve the Safety awareness as well as to improve the Safety competencies of all TCI employees (Lock out Tag out (Energy Isolation), Fit for Work, Spotter, JSEA, OHSAS 18001, HSE day Trainings and etc).
- Be Advisor and Facilitator of PTO (Permit to Work) i.e Work at Height, Hot Work, Ground Disturbance (Excavation), Confined Space, Work Box (man basket lifting) Permits for supervisors and workforces to ensure full compliance with TMS
- Manage Corrective Action Register (CAR) at T-Safe Database for Investigation; Audit, Inspection, Hazard Report, JSO, and SMSI Close Out.
- Participant and advices in Weekly Supervisory, Safety Coordination, and Client Safety Committee Meetings as required in promoting Thiess/Client safety awareness and culture

### ACHIEVEMENT/PROJECT:

- **Picture Based Dozer Inspection Checklist.** Created new system of Picture Based Dozer Inspection Checklist to prevent machine fire incident to be used as a Baseline Program for whole plant across TCI sites. This system was able to address years.
- **Annual Plant Safety Program Tracking.** Created new Annual Plant Safety Program, proposed to Corporate Plant Management to be used as a Baseline Program for whole plant department of across TCI sites.
- **Safety Awareness Roadshow.** Quarterly based safety roadshow to maintain safety awareness among workers.

The awareness program itself is packed with interesting topic and way of deliverable, sometimes breaks the rule of deliverable in Industry in order to build an enthusiastic character and eagerness of digging more knowledge.

- **T-FAST (Thiess Fatigue Assessment Safety Toolkit).** FAST are made and organized in order to conduct rapid prediction toward the actual Fatigue risk level in the workplace by using Human Based Approach (HBA) which spread out in 3 (three) main factors include: Work Related Factors, Non-Work Related Factors, Personal Factors

## Thiess Contractors Indonesia

November 2009 — March 2012

Officer, Plant Safety

Direct Report: Plant Safety Coordinator also Plant Site Superintendent and Manager

Total Employees: 1.152 People

Total Subordinate: 0 People but managing the TOTAL EMPLOYEES

Work Location: Satui Mine Project, South Kalimantan – Indonesia.

Assigned as Plant Safety Officer, reporting and coordinating with Plant Safety Coordinator in managing the safety system, the consistency and quality of its implementation, and its continuous improvement at all areas under respective areas so the efforts to prevent incident and loss are maintained and the requirements of Thiess, Client, Government, and International Safety Standards could be complied such as but not limited to:

- Together with Plant Management in setting up also review Risk Assessment suitability and update it based on HSE Alert, MOC (Management of Change), and other relevant information.
- Conduct, monitor and evaluate workplace inspections together with workplace superintendents, supervisors and workforces to ensure full compliance with Indonesian legislation and TMS.
- With relevant investigation team, to facilitate in analyzing root causes and recommend corrective (immediate causes) & preventive action (basic causes) from an incident to prevent reoccurrence.
- Manage Internal HSE Audits of Mine Operational and Documentation Systems (including for subcontractors) in compliance with Thiess Safety Management System, completion of audit reports and follow up of corrective actions.
- Managing Safety Reports: Daily, Weekly, and Monthly Safety Reports for Site and Corporate Management.
- Emergency Drill (Fire and WAH): Prepare scenario and propose to Plant Supt/Manager also produce further Drill Evaluation Report.
- Be Advisor and Facilitator of PTO (Permit to Work) i.e Work at Height, Hot Work, Ground Disturbance (Excavation), Confined Space, Work Box (man basket lifting) Permits for supervisors and workforces to ensure full compliance with TMS.
- Prepare MOC (Management of Change) : Establish Risk Assessment-JSEA on the things which changed, submit to Management, and monitor its implementation.
- Manage Corrective Action Register (CAR) at T-Safe Database for Investigation; Audit, Inspection, Hazard Report, JSO, and SMSI Close Out.
- Conduct several HSE Trainings: Lock out Tag out (Energy Isolation), Fit for Work, Spotter, JSEA, OHSAS 18001, HSE day Trainings and etc
- Conduct plant specific safety induction for new hires, visitors and subcontractors.
- Safety Talk (Material Template Preparation), Conduct Safety Talk and Update the material template with any new information (Alert, Incident, etc)
- Participant and advices in Weekly Supervisory, Safety Coordination, and Client Safety Committee Meetings as required in promoting Thiess/Client safety awareness and culture.
- Update and managing monthly safety compliance registers i.e component stand, first aid box, eye wash, ladder, notice board, emergency evacuation map, fire extinguisher, lifting gear and electrical devices.
- Multimedia based Safety Promotion Program to promote people safe behavior.
- Carry out industrial hygiene program as required i.e Illumination, noise, and naked gas controls

### ACHIEVEMENT/PROJECT:

- Achieved 4 Years or 10.000.000 man-hours LTI Free (Dec 2009)
- Achieved 5 Years or 13.521.281 man-hours LTI Free (Dec 2010)
- Achieved 6 Years or 16.950.000 man-hours LTI Free (Dec 2011)

## Thiess Contractors Indonesia

September 2008 — November 2009

Safety, Graduate



Direct Report: Site Safety Superintendent  
Total Employees: 1.152 People  
Total Subordinate: 0 People but managing the TOTAL EMPLOYEES  
Work Location: Satui Mine Project, South Kalimantan – Indonesia.

Assigned as Graduate Safety, capture and conduct approved Graduate Safety Curriculum and Involve in implementing TCI safety programs and procedures, such as but not limited to:

- Together with Site Management in setting up also review Risk Assessment suitability and update it based on HSE Alert, MOC (Management of Change), and other relevant information.
- Conduct, monitor and evaluate workplace inspections together with workplace superintendents, supervisors and workforces to ensure full compliance with Indonesian legislation and TMS.
- With relevant investigation team, to facilitate in analyzing root causes and recommend corrective (immediate causes) & preventive action (basic causes) from an incident to prevent reoccurrence
- Safety Talk (Material Template Preparation), Conduct Safety Talk and Update the material template with any new information (Alert, Incident, etc)
- Involve as presenter in 6 monthly HSE Day.
- Prepare daily and weekly safety report.
- Input safety database (Safe Behavior Observation, Hazard Report and Inspection Findings).
- Multimedia based Safety Promotion Program to promote people safe behavior
- Capture and conduct approved Graduate Safety Curriculum.

#### **ACHIEVEMENT/PROJECT:**

- Brought the Port Department in achieving treble in a row of SAFETY SMART REWARD SYSTEM.

## Education

---

Faculty of Public Health

July 2004 — Jul 2008

University of Indonesia

Bachelor Degree, Majoring Occupational Health and Safety, University of Indonesia

Title: SKM (Majoring in Occupational Health and Safety)

GPA: 3.22 (Scale 4)

**Ongoing** - Master Degree, Occupational Health and Safety University of Indonesia

## Courses

---

2008, 2 days, Incident Investigation Training -Thiess Contractors Indonesia  
2009, 2 days, Leadership and Supervisory Training - Thiess Contractors Indonesia  
2009, 7 days, Workplace Trainer “Assessor and Trainer” - Thiess Contractors Indonesia  
2009, 4 days, Frontline Operational Supervisor (Pengawas Operational Pratama – POP) - National Ministry of Mine, Mineral and Energy Republic of Indonesia  
2009, 1 day, Isolation and Tagging (LOTO) Training - Thiess Contractors Indonesia.  
2009, 1 day, Fit for Work Training - Thiess Contractors Indonesia  
2009, 3 days, Rigging and Slings Training - Thiess Contractors Indonesia  
2009, 3 days, Perform Emergency First Aid Training - Thiess Contractors Indonesia.  
2009, 3 days, Electrical Safety and Health for Electrician Training (K3 Listrik) - PT. Reukamp Indonesia.  
2009, 3 days, working at Height Training - Thiess Contractors Indonesia.  
2010, 1 day, Behavior Based Safety Program “Safe Behavior Observation (SBO)” Training Thiess Contractors Indonesia.  
2010, 1 day, Training of Hazardous Substances Classification (Europe Regulations) - EON Chemical.  
2010, 3 days, Basic and Intermediate Scaffolding - Thiess Contractors Indonesia.  
2011, 1 day, Risk Management Thiess Contractors Indonesia.

2011, 1 day, Safety Leadership Workshop - Thiess Contractors Indonesia

2011, 1 day, Isolation Officer Training (New procedure) Thiess Contractors Indonesia.

2011, 2 days, Confined Space Training - Thiess Contractors Indonesia.

2011, 2 days, Defensive Driving Course Thiess Contractors Indonesia - (Jakarta Defensive Driving Consulting).

2011, 2 days, Influencing and Dealing with Difficult People - Indonesia Professional Development Centre (IPDC).

2012, 2 day, Managing Safe Work (MSW) Training from IBU-FSWP (Fundamental Safe Work practice) - Chevron Pacific Indonesia.

2012, 1 day, Emergency Respond Plan Workshop - Constructing proper ERP document on the project site - Chevron Pacific Indonesia.

2012, 1 day, Defensive Driving Course - Chevron Pacific Indonesia.

2012, 1 day, Motor Vehicle Safety Practice (MVSP) - Chevron Pacific Indonesia.

2013, 4 days, Industrial Hygiene Monitoring - Chevron Indonesia Company.

2014, 1 day, Wellnomics Ergonomics Training eLearning.

2013, 1 day, Auditing Basic - Chevron Indonesia Company.

2013, 3 Days, Occupational Hygiene Monitoring HES-OCH-201

2014, 1 day, BBS Observer for Office - Chevron Indonesia Company.

2014, 1 day, Managing Process Safety (Awareness) - Chevron Indonesia Company.

2014, 1 day, Lean Sigma Workshop (White Belt) - Chevron Indonesia Company.

2014, 1 day, Managing Safe Work - Chevron Indonesia Company

2014, 1 day, White Belt (Lean Sigma) Training - Chevron Indonesia Company

2014, 2 days, Crosby Lifting and Rigging Workshop - Crosby

2014, 1 Day, Wellnomics Assessment Reference Point (ARP) Completion eLearning - Chevron Indonesia Company

2014, 1 Day, Wellnomics Ergonomics Training eLearning - Chevron Indonesia Company

2014, 1 Day, Dropped Object Prevention Schemes (DROPS) – International DROPS org

2017, 2 Days, Influence Leader Program (ILP) - Chevron Corporation

2019, 1 Day, System Management Audit ISO 19011:2018 - Sucofindo

2019, 2 Days, Water Pollution Control BNSP Certification - Bina Persada Daya Selaras

## Honor and Award

---

### 4 Teladan Awards

- Teladan Award: Chevron. March 6, 2014. Managing 2014 KLO Global OE Focus Week Success
- Teladan Award: Chevron. March 3, 2014. Administer Field Competency Verification in Chevron KLO Operations as a coach
- Teladan Award: Chevron. Sept 4, 2015. Support Bangka Subsea Installation and Topsides construction on SIMOPS, Risk Assessment, HAZOP, Managing Safe Work and Contractor Onboarding.
- Teladan Award: Chevron. November 2014. The Most Active Guest Speaker

### 4 Terima Kasih Awards

- Terima Kasih Award: Chevron. May 23, 2014. Hand and Finger Injury Prevention Facilitator
- Terima Kasih Award: Chevron. Jan 24, 2014. Hand Injury Awareness Facilitator
- Terima Kasih Award: Chevron. July 27, 2015. MSW Enhancement Facilitator for Construction Facility Reps and Safety Officer.
- Terima Kasih Award: Chevron. Mar 15, 2015. Professional touch in designing safety induction used for high ranking government official (SKK Migas) during PSB visit
- Terima Kasih Award: Chevron. Jan 21, 2015 LIFE'S Hand Safety Facilitator.

## Voluntering Experience

---

### Significant Outside Activities & Accomplishments (Work Related Only)

- HSE Club Indonesia, Balikpapan District – Chairman,
- Voluntary Safety and Environmental Mentor at YSN Sekolah KPS Balikpapan,

- Voluntary HSE guest lecturer, University of Balikpapan,

Realizing that many of the students in Indonesia is lack of knowledge and experience transfer from professional, I was call of duty to me to elaborate, come home and teach and share my knowledge and experience to the student directly.

The teaching program itself is packed with interesting topic and way of teaching, sometimes breaks the rule of teaching in Indonesia in order to build an enthusiastic character and eagerness of digging more knowledge. I enjoy this experience and cannot hardly wait for the future journey which may explore my personal experience in HSE teaching matter.

## Interests

---

### **SPORTS:**

Soccer, Swim, Body Builder (Fitness), Badminton and Ping-Pong

### **ACTIVITIES:**

Photography, Cinematography, Writing, Surfing net, Traveling, Watching TV (DVD), Computer

## References

---

References available upon request.