

Brief Resume



IRAWADI (Iwan) PRIHASWAN
SHE Professional/Practitioner

CERTIFIED:

1. Akhli K3Umum - Kementrian Tenaga Kerja
2. Certified Pengawas Operasi Madya (POM) - EBTKE
3. ISO14001 & ISO45001 Executive Briefing & Awareness - Lloyd's Register
4. ISO14001 & ISO45001 Internal Auditor - SGS (United Kingdom)
5. Certified ISO45001 Lead Auditor - IRCA (United Kingdom)
6. Basic Sea Survival - HUET

EXPERIENCES:

	BHP Minerals 1986 – 1989	Geologist
	Caltex Pacific Indonesia 1990 – 1992	Geologist
	Newmont Indonesia 1992 – 1994	Geologist
	Unocal Geothermal Indonesia 1995 – 2005	Geologist SHE (Manager)
	Chevron Indonesia 2005 – 2017	SHE (Manager)
	Star Energy Geothermal 2017 – 2019	SHE (Advisor)
	PT MRT Jakarta (O&M) 2020 – 2022	SHE (Advisor)

EDUCATIONS:

	1986 Sarjana (S1) Geologi – Univ. Gadjah Mada, Yogyakarta
	1998 Diploma Geothermal Geology – Univ. Auckland, NZ
	2007 Magister (S2) K3 – Univ. Indonesia, Jakarta

C U R R I C U L U M V I T A E



Brief Summary

SHE Practitioner with more than 20 years of experience in Power Generation and Oil & Gas Companies, multinational & local. Started career in HSE from field supervisor all the way up to Managerial Levels in the companies. Holding Master Degree on SHE from the University of Indonesia and having two Diploma Degrees as Geologist from Auckland New Zealand and Gajah Mada University where initially started the career as Field Geologist. In addition to the formal degrees, more than five professional certificates related to SHE on-hand.

Beyond the field practices, the duties include lead and manage the Fire & Emergency Response Team (FERT) of Chevron Indonesia - Kalimantan Operations, serving for any emergency responses, especially fire and spills. During that particular period, also assigned as one of the members of Chevron Regional Response Team for Asia Pacific region, and also appointed by "SKKMigas" as the Area Coordinator of East- Kalimantan Oil Spill Response mutual-aids (Area VI), involving 6 PSCs (i.e. Pertamina-EP Asset 5, Total, Vico, Medco, ENI, Mubadala).

After retired from Star Energy (a Geothermal Power Generation Company), still trusted to work for 2 years for PT. MRT Jakarta - Mass Rapid Transportation Company as SHE Advisor until Dec 2020, since then commencing to share knowledges & experiences to public through training & consultant, such as Gajah Mada University Lecturer.

Personal Data

Name : **Irawadi Prihaswan ("Iwan")**
Place & Date of Birth : Yogyakarta, October 13, 1961
Home Address : Jl. Camar XXIV / AP-23, Bintaro Jaya-Sektor 3, RT10/RW08, Pondok Aren, Tangerang Selatan, Banten 15221
Home Phone : +62.21.7356074
Celluler Phone : +62.811801384 / 62.81952550313
Status : Married to Dewi Maya Trianingsih
(with two sons born in 1996 and 1998)
Religion : Moslem

Educational Background

-  **Universitas Gadjah Mada** **Sarjana (S1)** - Geological Engineering Department, Faculty of Engineering, University of Gadjah Mada, Yogyakarta (graduated in 1986) – GPA: 3.45 (scale of 4)
-  **THE UNIVERSITY OF AUCKLAND** **Diploma in Geothermal Technology**, Geothermal Institute, University of Auckland, New Zealand (graduated in 1998) – GPA: 3.05 (scale of 4) – under Unocal's scholarship program
-  **Universitas Indonesia** **Master (S2) in Occupational Safety & Health**, Faculty of Public Health, University of Indonesia, (graduated in 2007) – GPA: 3.48 (scale of 4) - under Unocal/Chevron's education assistance program

Past Working Experiences

October 2020 – December 2022 (contract basis):



Tenaga Ahli SHE @ Directorate Operations & Maintenance, PT MRT (Mass Rapid Transport) Jakarta, reporting to the Head of SHE Department

April 2022 – September 2022 (part-time basis):  **PT. PRAKARSA PRAMANDITA**

Corporate HSE Manager, PT PRAKARSA PRAMANDITA, reporting to the Director/CEO



April 2017 – October 2019 :

Advisor, SHE/IGOMS, STAR ENERGY GEOTHERMAL (SEG) – based in Jakarta - reporting to VP Operations & Maintenance.

Roles and Responsibilities :

- **Develops, establishes, and puts in-place** a SHE Management System (named IGOMS/Integrated Geothermal Operations Management System) throughout the organization.
- **Leads and coordinates** the successful efforts to obtain the ISO14001 and ISO45001 Certificates for Salak and Darajat Operations.
- **Provides advices** to VP Operations and Maintenance regarding all SHE aspects, - help ensure SHE KPI is achieved as targeted.
- **Member** of SEG SHE Leadership Team (SHE-LT), and involve in regular LT Engagement program to fields
- **SME** on Incident Investigation and Emergency Management
- **Facilitates** training for SEG Emergency Management Team (EMT) on Incident Command System (ICS) and EMT member's roles and responsibilities
- **Certified as POM** (Pengawas Operasi Madya) of ESDM/EBTKE
- **Certified Internal Auditor** (ISO14001 & ISO45001)
- **Certified IRCA Lead Auditor** (ISO45001)



May 2016 – March 2017 :

MANAGER, Fire & Emergency Response, PT. Chevron Pacific Indonesia (IBU) – based in Rumbai, Pekanbaru, Riau - reporting to Sr. Manager of OE & HES.

Roles and Responsibilities :

- **Manages** Resources (25 Chevron employees and 314 contractors, and equipment) **and Operations of Fire and Emergency Response Team,** to ensure capability, readiness and preparedness of the emergency response resources to respond to any emergency situation in timely, effective and safe fashion.
- **Serves as SME on Emergency Management (EM) for Chevron Sumatra Operations,** to provide advice and consultation for IndoAsia Business Unit Crisis Management Team (CMT), Asset Emergency Management Teams (AEMT), Business Continuity Management Team (BCMT), Installation Emergency Management Team (IEMT), and Onsite Response Team (ORT).
- **Serves as SME on Oil Spill Response** – to improve organization capability on oil spill response in Chevron Sumatra Operations.
- Establishes and implements contract and evaluate the performance of service provider and other third-party services, such as university, for various Fire and Emergency Response Team Projects
- Provides advices and consultation on Fire Prevention, Protection, and Response, and Oil Spill Response related matters to Management.



March 2012 – April 2016 :

TEAM MANAGER, Fire & Emergency Response, Chevron Indonesia Co., (IBU) – based in Balikpapan, East Kalimantan - reporting to Manager of OE & HES.

Roles and Responsibilities :

- **Manages** Resources (13 Chevron employees and 128 contractors, and equipment) **and Operations of Fire and Emergency Response Team,** to ensure capability, readiness and

preparedness of the emergency response resources to respond to any emergency situation in timely, effective and safe fashion.

- **Serves as Emergency Management (EM) Process Advisor for Kalimantan Operations and IndoAsia Business Unit**, to provide advice and consultation for IndoAsia Business Unit Crisis Management Team (CMT), Asset Emergency Management Teams (AEMT), Business Continuity Management Team (BCMT), Installation Emergency Management Team (IEMT), and Onsite Response Team (ORT).
- **Serves as Coordinator and member of Area VI (Balikpapan Bay and Makassar Strait) BPMIGAS-KKKS mutual aid Oil Spill Contingency Plan (OSCP)** for Tier 2 Oil Spill incident to coordinate development, implementation and maintenance of the plan
- **Serves as a member of the Chevron Asia Pacific - Regional Response Team (RRT) Member.**
- Establishes and implements contract and evaluate the performance of contractor and other third party such as university for various Fire and Emergency Response Team Projects
- Provides advice and consultation on Fire Prevention and Protection and Oil Spill Response related-matters as an SME.



September 2009 – February 2012 :

Coordinator, OE Compliance & Performance, Chevron Indonesia Co., (IBU) – based in Balikpapan, East Kalimantan - reporting to Manager of OE & HES.

Roles and Responsibilities :

- **Leadership** : Coordinate with IndoAsia and East Kalimantan Operations Leadership on OE/HES Performance and Compliance requirements. Provide regular OE/HES Performance data. Coordinate communication of OE Compliance requirements to responsible line management and workforces.
- **Compliance Assurance** : Coordinate OE requirements compilation and maintain OE Compliance register at East Kalimantan Operations. Coordinate the efforts with Operations, Maintenance, Engineering, and OE/HES staffs to establish and implement compliance programs of control.
- **Performance Management** : Coordinate with IndoAsia and East Kalimantan Leadership on OE/HES Performance monitoring and reporting. Prepare periodic OE Performance reporting, Incident Analysis, and semi-annual performance report.
- **Knowledge Sharing** : Coordinate knowledge sharing and coordination with field OE/HES Reps/Officers, to ensure smooth OE process/program implementation and alignment.
- **Assessment & Audit** : Coordinate and Lead Compliance Audit program, including tracking action items to closure.
- **Training** : Coordinate OE/HES training program at East Kalimantan Operations, by working together with Training Dept and line management, and monitor its compliance and completion.



August 2005 – August 2009 :

Coordinator, Operational Excellence (OE) & HES, Chevron Geothermal & Power, IndoAsia BU (IBU) – reporting to Manager of OE & HES.

Roles and Responsibilities :

- Assists OE/HES Manager to establish Operational Excellence Management System (OEMS) implementation program/plan that includes fit-for purpose processes, develop methods and or tools to implement OEMS, and facilitate annual OE Self Assessment/Review execution.
- Advisor and Trainer of Emergency Management & Business Continuity process.
- Advisor of Incident Notification/Reporting & Investigation.
- Senior Facilitator of Root Cause Analysis process.
- A member of OE/HES Steering Committee.
- Ensure all OE aspects are assessed, planned, implemented, and reviewed regularly across the company's operations to achieve world-class performance.

- Assists OE/HES Manager and Operating/Facility Leaders to establish the OE vision and objectives of the OE to support world-class performance, and ensures that the OE objectives to be blended into annual operational plan (AOP) or business plan (BP)
- Develops required OE Expectations and Processes in fit-for-purpose manner, and organizes its implementation with Operating/Facility Leaders, so that OE has a clear direction in meeting the set objectives.
- Coordinates and facilitates HES and OEMS familiarization and or training program for employees and contractors, i.e. Incident Investigations, Emergency Management, Motor Vehicle Safety, BBS, etc.
- Regularly communicates and coordinates OE/HES issues with the Corporate IndoAsia OE/HES Department and or other BU OE/HES groups, including all reporting requirements.
- Facilitates periodic HES inspections, esp. conducted by MINERBAPABUM and or KLH/BAPEDALDA.
- Ensures all reporting requirement to governmental agencies (i.e. Minerbapabum, Pertamina, KLH, etc.)
- In needed basis, represents Company in health, environmental and safety meetings with governmental agency or other external bodies.
- Reviews and recommends action on HES practices to assure a satisfactory compliance with all applicable health, environmental and safety laws/regulations, and monitors implementation.
- SME in third party/vendor/contractor selection and review process, esp. for new projects especially those related HES matters, such as: industrial hygiene, waste management, pollution control, and engineering & construction safe work practices, and equipment certification.
- SME in OE/HES for new capital project.

January 2005 – August 2005 :  UNOCAL

Manager, HSE/ Loss Control & Operations Management System (OMS) - UNOCAL Geothermal of Indonesia – Jakarta

July 2003 – December 2004 :  UNOCAL

Coordinator, Loss Control & Operations Management System (OMS) - UNOCAL Geothermal of Indonesia – Jakarta

July 2000 – June 2003 :  UNOCAL

Sr. Specialist, Loss Control (UNOCAL GEOTHERMAL of INDONESIA – Jakarta)

January 1999 – June 2000 :  UNOCAL

Field Supervisor, Loss Control (UNOCAL GEOTHERMAL of INDONESIA – Gn. Salak)

January 1996 – December 1998 :  UNOCAL

Development Geologist (UNOCAL GEOTHERMAL of INDONESIA – Jakarta)

November 1994 - December 1995 :  UNOCAL

Wellsite Geologist (UNOCAL GEOTHERMAL of INDONESIA – Gn. Salak)

October 1992 - October 1994 :  NEWMONT

Regional Exploration Geologist (NEWMONT INDONESIA – Manado).

January 1990 - June 1992 :  CALTEX

Development/Wellsite Geologist (CALTEX PACIFIC INDONESIA – Pekanbaru).

December 1986 - December 1989 :  BHP

Exploration Geologist (BHP Minerals - Jakarta / Gorontalo).

Other Accomplishments and or Experiences

After 2000 (SHE-related) :

- Regular member of the American Society of Safety Engineer (no. 24515)
- Team Leader in the development and implementation of Operations Management System (OMS) in Unocal's Salak Geothermal Field (2000-2002) and in Magma Nusantara Ltd.'s Wayang Windu Geothermal Field (2002-2003)
- Internal Trainer on HES matters – i.e. HES Management System, Emergency Preparedness, Incident Investigations, Office Safety, Industrial Hygiene, Safety Leadership, etc.
- Audit Team Leader of some internal OE/HES audits.
- SME and facilitator on Incident Investigation.
- Several Business Trips to Singapore, Bangkok, Manila, San-Ramon-US, Houston-US, Perth-Australia for various Chevron internal purposes (such as meeting, training, workshop, audit, emergency exercise) on several HES related subjects (such as Incident Investigation/IMS, Senior Root Cause Analyst (RCA), OE Coach/Forum, Emergency Management/Response), for the period of 2009-2015
- Member of Chevron Asia-Pacific Regional Response Team - since March 2012.
- Area Coordinator of Area VI SKKMIGAS Oil Spill Response Coordination – since 2012.
- Committee Chairman of "Bulan K3" Campaign of Balikpapan (appointed by Balikpapan Major)
- Participated in various HES-related training, workshop, seminar :

Before Chevron :

1. ISO 14000 Awareness (Dirjen MIGAS)
2. Basic Fire Fighting (Padam Jaya)
3. Basic Life Support (118 Ambulance & Unocal)
4. Security, Safety, Defensive Driving (Hill and IDDC)
5. Respiratory Protection Program (Rutledge)
6. Introduction to Project Management (PBP)
7. Industrial Hygiene, Ergonomic, Workplace Health (Unocal – NATLSCO)
8. Bomb Awareness (Gegana – Brimob)
9. Threat of Violence in the Workplace – Unocal (in-house)
10. Defensive Driving (IDDC)
11. Noise Control and Hearing Conservation Management (ITB)
12. Hazardous Chemical & Waste Handling (ITB)
13. Incident Command System (ICS) – Unocal (in-house)
14. Train the Trainer – Unocal (in-house)
15. HSE Induction – Apexindo/Medco (in-house)
16. Ergonomic "Turbo-Ergo" (Unocal)
17. Tripod-Beta Incident Investigation Method (TRIPOD)
18. Leadership Skills (Focus Tranconindo)
19. Modern Safety Management (DNV)
20. Office Safety Awareness (DuPont)
21. Behavior Safety Audit (DuPont)



During CHEVRON :

Internal :

1. Chevron On-Boarding Program
2. Introduction to Chevron Project Development & Execution Program (CPDEP)
3. OE Self Assessment Workshop
4. Incident Investigation & Reporting Process

5. RCA Sr. Facilitator Certification
6. Sitesafe (Houston)
7. OEMS Leadership Roles & Behavior Session
8. OE-Coach Train-the-Trainer (Houston)
9. OE Certification CBT
10. Risk Management workshop
11. OE Roadmap (Houston)
12. Capital Stewardship & Organizational Capability Leadership
13. CHESM Process
14. Behavior-Based Safety Process
15. Emergency Management Process & ICS (Incident Command System)
16. Emergency Exercise Guide
17. Asset EMT Section-specific Training
18. Business Continuity Plan (BCP)
19. IMO Level 2 – Oil Spill Response
20. Compliance Auditor (internal certification)
21. IMS/IMPACT Incident Database
22. Manager's Essentials
23. ESS Application
24. OHSAS 18001 Auditor & Lead Auditor
25. Emergency Management Train the Trainer
26. World-wide Chevron Emergency Exercise
27. Fire Protection in Design Facility

External :

1. Professional Incident Investigation (DNV)
2. High-5 Train the Trainer
3. Smith-System driving
4. Basic Sea Survival & HUET (certification)
5. Certification of ICS Situation Unit Leader position (by EMSI)

After Chevron (with STAR ENERGY GEOTHERMAL) :



1. **Certified Pengawas Operasi Madya (POM) from EBTKE**
2. **ISO14001 & ISO45001 Executive Briefing & Awareness**
3. **ISO14001 & ISO45001 Internal Auditor**
4. **IRCA-certified ISO45001 Lead Auditor**

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