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Extensive engineering and supervision experience in factory set-up, the operation, facility and maintenance of process, equipment and risks management in multinational industry. Also experienced in Civil Works construction company Class A, specializing in Quality, Audits, Risks and Health, Safety and Environment (HSE) management. With Bachelor of Engineering (Mechanical) from University of Queensland Australia and Master in Business Administration from Mara Technology University (UiTM), he is specializing in HSE management in manufacturing, construction and oil & gas industries for more than 20 years. He was certified as *SHO* (*SHO #*: JKPP IS 127/438/2/2990) and *RPO* (*RPO #*: 3677). *Certified ISO9001:2008, ISO14001:2004, and OHSAS18001:2007 auditor, Traffic Management Officer (TMO), HRDF Train The Trainer (TTT #*: 3982) and *NEBOSH International General Certificate in OSH*.

With his vast experience working in MNC in front end electronic industry, he has been extensively involved and had acquired in-depth hands-on various areas and aspects in HAZMAT, radiation and project management. He was sent for technology transfer and training in Japan, chemical distribution system training in Arizona, U.S and also facility set-up and radiation technology transfer in Austria. He also exposed with Factory Mutual (FM) risk audits as part of the organization's risk management. Trained in Authorized Gas Tester (AGT), Facility and Equipment Safety Set-up, Traffic Safety Management in Construction, Emergency Response Plan, Fire Safety, Waste Management (including Scheduled Wastes) and First Aid (including AED).

In construction industry, he has been involved few important construction projects in Sarawak. Some of the projects are Dewan Undangan Negeri (DUN) Sarawak, Tanjung Kidurong-Suai-Bakam (TKSB) Road and Assar Senari Independent Oil Terminal (IOT). He in-charge on the overall QHSE performance and improvement of the organization such as subcontractor's performance evaluation, the integration and improvement of QHSE processes, participation in National QHSE awards and CSR activities. In Oil & Gas industry, he assist the organization to establish HSE Culture framework and how the organization can link the "hardware" of HSE Management System and "software" HSE issues related to management and workers. Besides that, assisting HSE project team performing CRA, Project HSE Plan, HSE promotion and engagement programs.

In last previous employment, he worked at CTRM Sdn Bhd as Senior Manager, Head of HSE Department. He oversees the overall HSE issues pertaining Operational Risks, HSE Risks and HSEMS, HSE Strategy Execution and Workplace Culture, construction of new extension building, SOHELP and Energy Management at the workplace. Established integrated HSE Management System (ISO14001 & ISO45001), inculcate HSE Culture, establish visual HSE performance and program monitoring, OSH risks control through engineering control approach, cost saving project in the organization through consultation and engagement with all departments and all level of employees.

Currently, a freelance HSE professional, speaker and lecturer. Involved actively in HSE trainings, consultation and NGOs. Presented papers at local and International Conference (COSH, BOSH, CIDB, FMM, NRG-SHE, GLOW2012, MBAM, XXI World Congress on Safety & Health 2017, APOSHO2018, NIOSH, MBAM, MSOSH and ASEAN HSE Excellence 2018 & 2019) and seminars. Was NRG-SHE's Vice President from 2009 to 2018. Currently the Vice President of MSOSH (2020-2022), Technical IOSH member, ASSP member and Specialist IIRSM member. Also invited by KLFM, KoolFM and ManisFM radio stations to share on OSH matters with public.

## **OCCUPATIONAL HEALTH & SAFETY PROFESSIONAL MEMBERSHIP**

1. Technical Member (*TechIOSH*), Institution Occupational Safety and Health (IOSH) (Membership No: 167131)
2. Specialist Member (*SIIRSM*), International Institute of Risk & Safety Management (Membership No: 306544)
3. Member, American Society of Safety Professional Member (ASSP) (Membership No: 010069079)
4. Past Vice President of Persatuan Pengamal Keselamatan dan Kesihatan Pekerjaan Wilayah Utara, NRG-SHE from 2009-2018 (Membership No: F0002)
5. Vice President of Malaysian Society of Occupational Safety and Health (MSOSH) for 2020 - 2022 (Membership No.: I1848)

## **WORKING EXPERIENCE**

1. **Freelance Professional Trainer, Facilitator, Consultant and Speaker on Occupational Safety and Health and Environment and Non-Governmental Organization (NGO) activities** (since January 2018)

Fulltime consultant and trainer for Safety and Health Officer (SHO) and Site Safety Supervisor (SSS) program with Skill Solutions, Consist, Shenviro Hall, CIESH Excellent Academy, Cerna Minda, and ITS Management Sdn Bhd. Attached to a few OSH training centers and providers such as Nadi Lestari, NIOSH, Consist, FMM, Skill Solutions, ITS Management, Shenviro Hall, NOSH Global, Impact Volution and Mega Mekar. Strategically involved in designing, planning and execution of training and consultation as required and specified by client. Some of the clients are QSR Brands (Malaysia) Berhad, Perodua Sdn. Bhd, Fiberail Sdn. Bhd, Faltech Engineering Sdn. Bhd, WCT Holdings Berhad, Destini Shipbuilding Engineering Sdn. Bhd, Serimax Welding Services Sdn. Bhd, Malakoff Corporation Berhad, Coca-Cola Far East Limited (Malaysia) Sdn. Bhd, MP Port Services Sdn. Bhd, LY Furniture Berhad, PTTEP Sdn. Bhd and Panasonic Malaysia Sdn. Bhd.

Also experience in consulting and revising company's HEMP, and train HSE team on how to conduct and lead the hazard identification and risk assessment discussion/process effectively with the project team. Current project is on the ESH Culture Gap Analysis and establishment of ESH Culture framework for Sime Darby Property Berhad.

In NGOs, actively involved with Malaysian Society of Occupational Safety and Health, MSOSH ([www.msosh.org.my](http://www.msosh.org.my)) since 2014, the management committee for 2018-2019 and also MSOSH Award auditor and currently the Vice President of MSOSH for 2020-2022. Lead in establishing MSOSH2021 strategic planning on how to elevate MSOSH as one of OSH NGO umbrella in Malaysia and digitalizing MSOSH operation. Furthermore, MSOSH2021 will layout a blueprint on how to assist and support OSH Practitioners and DOSH in promoting OSH at the workplace as stipulated in OSHMP2020. Currently responsible for establishing the first Malaysia OSH Competency Framework for OSH Practitioners and Professionals project, Asia Pacific of Occupational Safety and Health Organization (APOSHO) International Networking program and OSH Coaching and Mentor Mentee Program.

Besides that, nominated as Industrial Advisory Panel (IAP) at Engineering Technology Faculty at Universiti Malaysia Pahang (UMP) for Bachelor of Occupational Safety and Health program effective from 1<sup>st</sup> November 2018 till 30<sup>th</sup> October 2020. He also giving a lecture on OSH subjects at KLIA College and National Integrated College. He also selected as a committee member of Malaysian Board of Technologist (MBOT) Publisher Committee since August 2019.

## **2. Senior Manager, Head of HSE Department, CTRM Aerospace Sdn. Bhd (April 2015 till Jan 2018)**

### **Accomplished Projects**

- Lead OHSAS18001 Certification by SIRIM (March 2016) and reviewed and revised OHSAS18001 transition process to ISO45001 standard with cost saving more than RM50,000.
- Lead accident investigation on fire at spray booth and thermal oil leak and fire at autoclave process.
- Level 5 SOHELP DOSH Certification
- Established and improved HSE visual management (HAZCOM, HSE Notice Board & Production Board, HSE Poster, HSE Flyers, CTRM TV etc)
- Improved chemical smells in the bonding room by reducing Volatile Organic Compound (VOC) below Permissible Exposure Limit (PEL)
- Reduced composite dust exposure at trimming area by improving the local exhaust ventilation (LEV) using Donaldson Torit Dust Collector system.
- Introduced E-mover system for manual handling process to reduce ergonomic hazards.
- HSE project lead in new production building design and construction focusing on risk, lean manufacturing, green building and cost optimization.

## **3. HSE Counselor, TL Offshore Sdn. Bhd (subsidiary of Sapura Kencana Petroleum Berhad) (July 2013 till February 2015 – Voluntary Separation Scheme, VSS )**

### **Accomplished Projects**

- Lead ISO14001 and OHSAS18001 Certification by SIRIM (December 2014) with certification scope covered headquarter, supply base and offshore activities
- In-house SHO Competency training for TL Offshore staff and saved RM20,000
- Established HSE Competency matrix, benchmarking and profile for HSE personnel.
- Established HSE Counselor and Culture Framework for TL Offshore
- OSH Coaching Program for SHO and Project Management team
- Supporting HSE Project team preparing CRA for pipe laying and structure construction (riser guard, jacket and topside installation)
- Development of TOR, facilitate the session and produce complete CRA/HAZID report in line with client expectation and standards

## **4. Freelance Trainer, Facilitator and Consultant on Occupational Safety and Health and Environment and Non-Governmental Organization (NGO) activities (since 2010 till June 2013)**

Attached to a few OSH training centers and provider such as NIOSH, Consist, FMM and Skill Solutions. Strategically involved in designing, planning and execution of training and consultation as required and specified by client. Some of the clients are Kencana Petroleum Berhad, Jimah Energy Venture Sdn. Bhd, IJM Berhad, Robert Bosch Sdn. Bhd, Inokom Corporation, Technology Park Malaysia (TPM) Corporation, AEON Corporation, Texas Instrument Sdn. Bhd, Kencana HL Sdn. Bhd, Uda Holdings, Majlis Pemandaran Seberang Jaya (MPSJ), Jabatan Kerja Raya (JKR), Kings Hotel, Casa Del Rio Hotel, Shinetsu (Malaysia) Sdn. Bhd and Luvata Sdn. Bhd.

In NGOs, actively involved with NRG-SHE Association ([www.nrg-she.com](http://www.nrg-she.com)) since 2008 in supporting DOSH plan and activities and also assisting SHO/OSH Practitioners in improving their knowledge and skills. Involved in strategic planning on how to assist SHO and DOSH in promoting OSH at the workplace. Think tanker together with NRG-SHE committee and other NGO in educating SHO/OSH Practitioners in overcoming the challenges in managing OSH at the workplace. Besides that, representing NRG-SHE as one of the committee member in OSH Master Plan (OSH-MP15) Strategy 3: Industry Leadership and Business Community Engagement.

**5. Senior EHS Engineer (SHO & RPO), Infineon Technologies (Kulim) Sdn. Bhd (July 2007 till October 2009)**

**Accomplished Projects**

- Accomplished technology transfer and construction risk assessment (design and construct the civil, utilities, facilities & HSE works) on High Energy Implanter (HEI) project from Infineon Technology Villach (IFAT), Austria to Infineon Technology Kulim (IFKM), Kedah, Malaysia 2009. Cost saving of RM40,000 by sending only 1 engineer to transfer the facility and safety technologies from IFAT to IFKM.
- Lead Project Improvement on reducing hook-up related incident by more than 30%.
- One of the taskforce on ISO14001 and OHSAS18001 Certification.
- Accident investigation on chemical leaks at wetbenches and explosion on the EPI process

**6. Senior EHS Engineer (SHO & RPO), Celestica Malaysia Sdn. Bhd (August 2006 till July 2007)**

**Accomplished Projects**

- Recertification of ISO14001 and OHSAS18001
- Cost saving on changing the controlled area to supervised area as requirements under radiation safety.

**7. Senior QA/HSE Executive (SHO & RPO), PPES Works (Sarawak) Sdn. Bhd (January 2004 till July 2006)**

**Accomplished Projects**

- Project involved: Dewan Undangan Negeri (DUN) Sarawak, Tanjung Kidurong-Suai-Bakam (TKSB) Road and Assar Senari Independent Oil Terminal (IOT)
- Planning and Implementation of Integrated Management System (ISO9001:2000, ISO14001 and OHSAS18001 management system) at PPES Works (S'wak) Sdn. Bhd (2004). Completed the certification within 1 year, the 1<sup>st</sup> construction's company in Sarawak who received Integrated Management System (IMS) and cost saving up to RM13,800.
- Assisting QA/HSE Manager on the submission of Malaysian Construction Industrial Excellence Award (MCIEA) 2004 - Won the 1<sup>st</sup> place in MCIEA under Medium Scale Category (Project <RM50 million): Building Construction.
- Assisting QA/HSE Manager on the submission of Chief Minister Award 2002/2003 - Won 2<sup>nd</sup> runner up on the Large Category Scale.

**8. Senior Safety/Facilities Engineer (SHO & RPO), 1<sup>st</sup> Silicon (M) Sdn. Bhd (now known as X-fab Sarawak) (2002 till December 2003)**

**Accomplished Projects**

- Assisting Facilities/HSE Manager on the submission of Prime Minister's Hibiscus Award 2002/2003. - Won the Notable in Achievements in Environmental Performance category
- Change the radiation area from "Controlled" to "Supervised" area at 1<sup>st</sup> Silicon Production Line (2003) – increased production areas to manufacture more than 30,000 wafers monthly due to the area which was initially classified under "controlled" area can be use as "supervised" area.
- One of the taskforce on ISO14001 and OHSAS18001 Certification.

**9. Senior Process/Equipment Engineer, 1<sup>st</sup> Silicon (M) Sdn. Bhd (now known as X-fab Sarawak) (June 1998 till 2001)**

**Accomplished Projects**

- Defocus Quality Improvement Team (2002) - Selected as the Best QIT project for Year 2002
- Setup Ozone Process for FSI Zeta (2001) - Clean type of process that will save US\$95,000/yr
- Setup the equipment and process of wet cleaning equipment during the factory set-up
- Assisting Industrial and Project Engineer in designing and calculating the capacity of the facilities and utilities during factory set-up.

**TECHNICAL QUALIFICATION**

**CERTIFICATION**

- Was a Safety & Health Officer (SHO Registration #: JKKP IS 127/438/2/2990)
- Was a Radiation Protection Officer (RPO Registration #: 3677)
- Traffic Management Officer (PP/TMO/2009/009)
- NEBOSH International General Certificate in Occupational Safety and Health
- ISO9001:2008, ISO14001:2015 & OHSAS18001:2007 Certified Auditor
- Certified Confined Space Entry and Authorized Gas Tester by NIOSH - A.G.T Serial No: NW-AGT-OSD-0273-C
- Train the Trainer (TTT) by HRDF and NIOSH

**REFEREES**

- 1. Name** : **Haji Che Zulhaimee bin Abdullah**  
**Position** : Vice President of Human Resource  
**Organization** : Honda Malaysia Sdn. Bhd  
**Email** : czulhaimee.abdullah@honda.net.my  
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- 2. Name** : **Haji Zahrudin bin Ruskam**  
**Position** : HSE Manager  
**Organization** : AME Construction Sdn. Bhd  
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