



NURHUSNA YUSOFF

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BRIEF BIODATA

Born in Petaling Jaya, Selangor in 1985. Educated in Leeds, UK throughout the primary years and continued in Malaysia. Received PETRONAS scholarship after secondary schooling in 2003 and pursued undergraduate studies in Mechanical Engineering at University Technology Petronas (UTP) in Tronoh, Perak. Worked in the Petrochemical industry since graduating in various roles along the supply chain from engineering, production planning, chemical & material management, procurement, warehousing & distribution, HSE as well as commercial analyst and Marine Dry Bulk Chartering. Other experiences include the roles as a Safety & Risk Management Consultant and training coordinator serving multinational clients in the region.

Have an exceptionally strong understanding of plant process, safety requirements and best practices within the manufacturing, road transport and petrochemical industry.

Currently works as Logistics Safety Compliance Senior Executive in an international Synthetic Latex company based in Johor Bahru.

FORMAL EDUCATION

UNIVERSITY TECHNOLOGY PETRONAS (UTP), Tronoh, Perak (2003-2008), Bachelor of Science in Mechanical Engineering, Graduated 2008

PROFESSIONAL AFFILIATION

- Board of Engineers, Malaysia (BEM)
- Chemical Industries Council of Malaysia (CICM)
- Malaysia Productivity Corporation, Chemical Productivity Nexus (MPC CPN)
- Institute of Motors Industries (IMI), UK
- National Authority for the Chemical Weapon Convention of Malaysia (NACWC)

REPRESENTATION

- Registered subject matter expert in chemical management with Malaysia Productivity Corporation under the Chemical Productivity Nexus Program
- Professional Document writer for MPC under the Chemical Productivity Nexus Program
- Program Moderator for MPC Webinar Series under the Chemical Productivity Nexus Program
- CICM Safe Roads Committee Auditor
- IMI Internal Quality Assessor

PROFESSIONAL EXPERIENCE

SYNTHOMER (M) SDN BHD, August 2022 - PRESENT

Logistics Safety Compliance, Senior Executive

- Perform audits and compliance evaluations for Logistics Service Providers servicing Synthomer
- Contracts performance management for Logistics Service Providers servicing Synthomer
- Coordinating and/or managing Road Transport, Warehouse and Logistics In-Transit safety and security
- Managing bulk DG products operations by road
- Develop new contract requirement for inbound and outbound Logistics Service Providers servicing Synthomer
- Lead accident investigations involving major logistics incidents (both offsite and onsite) and establish corrective and preventive action items

- Review and revise existing work procedures to suit current operational requirements
- Conduct safety walkabouts & inspections within 3 plants/terminals
- Monitor safety performance for Logistics Service Providers (LSPs) servicing Synthomer
- Standardize logistics processes for LSPs across the board
- Engage with various stakeholders to establish new and improved processes that incorporate the safety aspect (Safety Dept, Procurement, Finance, Plant Operations etc) for all 3 locations
- Establish & align of Road Transport Safety & Security Manual (RTSSM) with plant practices
- Perform auditing exercises to ensure LSPs compliance to Road Transport regulations and guidelines
- Review and monitor gap closures for LSPs audits
- Investigate and mediate customer complaints
- Assess the capability of newly awarded LSPs
- Review Logistics Risk Register on Quarterly basis
- Support the enhancement of the Crisis Management Plan (CMP) & Business Continuity Plan (BCP)

Projects and Achievements

- Successful evaluation and audits of all Logistics Service Providers servicing Synthomer (annual activity - Baseline Assessment & Verification Audit) with significant improvement of operational performance.
- In progress of establishing long term contract for outbound Road transport Logistics Service Providers servicing Synthomer
- Monitoring of road transport regulatory, contractual and plant safety compliance
- Established set up and operationalization of new inbound (Butadiene) Logistics Service Providers servicing Synthomer.
- Streamlining plant entry compliance for 3 main plants/terminals in 3 different locations
- Conducted Investigation & RCA for non-compliances and incidents involving Logistics Service Providers servicing Synthomer.
- Prepared and presented Safety Compliance Plan for high level management with positive feedback and endorsement
- Coordinate & conduct Offsite Emergency Response Table top exercise with LSP involvement
- Perform reviews for LSP Baseline Audits with gap closure verifications
- Review & update of Offsite ERP Procedure that is aligned with the Synthomer Crisis Management Plan
- Engage with major customers on logistics related complaints (engaging with clients)
- Establish RTSSM requirements within the plant practices
- Develop standardized Pre Delivery Checklists (PDC) for all Synthomer premises used by all LSPs
- Establish Road Transport Requirements for tendering purposes by the Procurement Dept
- Conduct Road Transport Self Assessment with benchmarking with road industry practices using Chemical Industry Council Malaysia (CICM) references (assessment checklist)
- Observer for the Synthomer Crisis Management Team (CMT), Damage Assessment Team (DAT) and Crisis Communications Team (CCT) Workshop (Logistics SME)

E-RESPONSE ALERT SDN BHD, (November 2018 – July 2022)

Senior Road Transport Safety Consultant & Training Coordinator

- Road Transport Safety & Security Consultant for chemical MNC client
- Safety Auditor for chemical MNC client
- Consultant for Road Transport Accident/Incident Investigation for various clients in Malaysia
- Develop & implement Road Transport HSE Management System for client corporation.
- Development of Road Transport Safety & Security Manual (RTSSM) for MNC Client
- Develop and Coordinate 4WD Defensive Driving Training Program

- Develop and Coordinate Advanced Heavy Vehicle Driver Competency Program (AHV-DCP) that is recognized by the Malaysian Government as well as Internationally by the Institute of Motor Industries (IMI, UK) for all Heavy Vehicle Drivers throughout Malaysia.
- Develop and Coordinate Dangerous Goods Safety Adviser (DGSA) recognized by the Malaysian Government as well as Internationally by The International Road Transport Union (IRU), Geneva, Switzerland
- Participant of The Chemical Supply Chain Safety and Security Management Workshop for the member states of the OPCW (UN) in the SEA
- Collaborate with Malaysian Productivity Corporation (MPC) and the Chemical Industry Council Malaysia (CICM) as well as various ministries on an Initiative Working Group (IWG) 1: Chemical Transportation
- Establish a sustainable monitoring system for HSE Performance that can be used to develop a more concise analysis reflecting driver behavior on the road.
- Perform auditing exercises for the Road Transport Industry for compliance to Road Transport regulations and guidelines.
- Perform consultancy exercises specifically on Road Transport and Chemical Transportation and operationalization of logistics arrangements.
- Established Safety and Health Committee and Secretary of Safety and Health Committee

Projects and Achievements

- Successful development of the RTSSM for major client and currently in operational implementation stage
- Completion of Road Transport Compliance Audits conducted for major clients.
- Successfully guided & conducted Accident/ Incident Investigations collaboratively with clients and developed Accident/Incident Checklist and Report Templates for a number of SME clients that lead to the documents being established within their Safety Operations
- Successfully ran numerous 4WD Defensive Driving Training with major automobile company (Mitsubishi)
- Coordinated 63 AHV-DCP training sessions with approximately 700 drivers with various clients amounting to RM0.9M in revenue (present)
- Successfully undergone IMI audit for AHV-DCP with 98% scoring (present) resulting in undisputed Training Approval & Re-certification by IMI
- Established a systematic filing system for AHV-DCP Training candidate records.
- Established a consistent monthly training & trainer communication platform.
- Established AHV-DCP training SOP and Continuous Professional Development (CPD) Records for all trainers (ensured compliance to IMI trainer requirements)
- Established training assessment or evaluation to improve trainer quality.
- Established close relationship with international counterpart Karwa Driving School (KDS) in Qatar resulting in establishing DGSA Training in Malaysia (one and only course in Malaysia currently) (2020)
- Developed course content and training and marketing content for DGSA (2020)
- Secured Continuous Education Program (CEP) Credits for DGSA from DOSH (2020)
- Secured involvement with MPC for the IWG 1 project by collaboration with various Government Agencies (2020-present)
- Generated consulting income exceeding RM110,000/year for the company by leading multiple consulting exercises with MNC and SME

PETRONAS CHEMICALS GROUP, PCG (October 2008 – August 2018)

TMES Executive (HSE & External Warehouse), July 2015 – August 2018 Supply & Distribution, S&D

- Reporting to Section Head of Transport Management & External Storage (TMES)
- Lead and coordinate Route & Journey Surveillances (Road Hazard Mapping, RHM) within the Northern regions in Peninsular Malaysia from Kerteh; i.e. Kerteh to Padang Besar, Perlis via Lebuhraya Timur Barat, Kerteh to Penang via Lebuhraya Pantai Timur (LPT)
- Coordinate Incident Notifications with collaboration with the PETRONAS Command Centre (COMCEN) for logistics related incident

- PETRONAS representative in the Transporter Accident Investigation team for incidents involving Transporters.
- Lead Risk Assessments and site evaluations for Road Transport and Warehouses throughout Peninsular Malaysia i.e. in Kuantan (Pahang), Klang (Selangor), Ipoh (Perak), Bukit Kayu Hitam (Kedah) and Padang Besar (Perlis)
- Monitor & review external vendor/contractor HSE performance ensuring improvements to their HSE performance.
- Manage inventory levels and perform Monthly/Quarterly/Annual inventory stock take with PETRONAS Chemicals Plants (zero variance).
- Coordinate and develop Spot & Long Term Agreements with transporters for transport of Polymer and Urea Product via Inland Distribution, external warehousing & Road Transport Services (RTSS)
- Assist in developing detailed high level management and analysis reports for top management committee
- Engage and network with transporters and warehouse owners & operators in the market for future business opportunities

Projects and Achievements

- Lead a project of 15 team members for the development of the PCG Road Transport Operation Guideline (RTOG)
- Successfully lead the organizing committee for 3 Transporter Forums involving more than 20 transporters and related government authorities
- Lead the product handover exercise for Phase 2 (Jagua Iris Project) and Phase 3 (Jagua Sutera Project) of PCG plants (PETRONAS Polyethylene, PETRONAS LDPE and PETRONAS Olefin, Glycols & Derivatives) due to rebranding with collaborations from Plant Operations, PCG Sales & Marketing, PCG Finance Dept and External Consultants (a continuation from the earlier role)
- Manage warehousing and distribution for RAPID Seeding and RAPID Trial Sample program with zero delays and variances
- Successfully managed and improved on vendor/contractor HSE performances for 3 years resulting in increased compliance from 60+% compliance to a consistent 95-98% compliance rate

Dry Bulk Chartering Executive, August 2014 – July 2015 Supply & Distribution, S&D

- Charter vessels with shipowners/brokers/agents for bulk transport of Urea within South East Asia
- Engage and network with market active shipowners/brokers/agents for dry bulk transport operating within the South East Asia region for future business opportunities
- Manage inventory levels and perform Monthly/Quarterly/Annual inventory stock take with collaboration with PETRONAS Chemicals Fertilizer Kedah, PCFK Urea Plant
- Assist in developing detailed high-level management and analysis reports for top management committee

Projects and Achievements

- Lead the product handover exercise of 4 Petrochemical plants (PETRONAS Fertilizer Kedah, PETRONAS Ammonia, PETRONAS MTBE & PETRONAS Methanol) also known as Phase 1; due to rebranding with collaborations from Plant Operations, PCG Sales & Marketing, PCG Finance Dept and External Consultants
- Coordinate the development of the Plant-PCML Communication Manual in efforts to streamline the operational procedures for the above 4 Petrochemical plants
- Coordinate PCFK familiarization programs for S&D
- Establish and maintain report database for Dry Bulk Shipowners for internal use that has become the basis of the existing shipowner database currently in use

Analyst/ Strategy Executive, June 2013 – August 2014
Centralized Logistics Department, CLD

- Develop database and perform analysis of performance data and Strategic Initiatives for reporting to Management for overall logistics dept (CLD) on monthly basis
- Perform Market Analysis of products produced by PCG on Monthly basis
- Engage with established Market Analysts and publishers to keep abreast with current market appetite and trends
- Assist in developing detailed high level management and analysis reports for top management committee
- Consolidate budgeting for overall CLD within the allocated timeline

Projects and Achievements

- Developed and established internal reporting system that is currently in use (present day)
- Successfully coordinated familiarization programs for CLD related plants for CLD staff as well and Marketing and Sales Team

Warehouse & Onsite Logistics Executive, March 2012 – June 2013
Centralized Logistics Department, CLD

- Management of product, scrap and consumables inventory levels and warehousing and distribution activities for the Polypropylene Plant
- Lead and coordinate Road Hazard Mapping (RHM) from Kuantan to Melaka with External Warehouse Operator
- Perform tabletop drill exercises with collaboration with External Warehouse Operator
- PETRONAS representative in the Transporter Accident Investigation team for incidents involving Transporters
- Manage External Warehouse Operator Service Provider (Kontena Nasional) until closure of Polypropylene Plant
- Lead Weekly/ Monthly HSE Walkabouts with management throughout the warehouse area with zero major findings.
- Continuous engagements with production and sales team on weekly and monthly meetings
- Managed customer complaints from Customers and closure within specified timeline

Projects and Achievements

- Zero plant downtime due to warehouse or logistics related issues
- Enhancement of the PCG Journey Management and Approved Route documents
- Polypropylene Plant Warehouse acknowledgement by PCG as the most well-kept warehouse off all plants to the frequent and detailed focus on warehouse HSE
- Coordinate and facilitate smooth closure/exit of PPMSB Warehouse within the desired timeline and with minimal issues

Production Planner/Material Expeditor, April 2010– March 2012
PETRONAS Vinyl Chloride (Malaysia) Sdn Bhd, VCMSB

- Perform scheduling and production planning for the PVC Plant with minimal plant interruption
- Management of product and consumables inventory levels for the PVC Plant without major issues
- Continuous engagements with Operations team to highlight and discuss way forward for any production related issues. i.e.: Turnaround schedule and plant and warehouse maintenance schedule
- Perform Weekly/ Monthly HSE Walkabouts with management throughout the plant and Warehouse area
- Establish Production Analysis report on Plant Operational Performance such as Plant Reliability and Plant Utilization for consumption of management and PETRONAS Downstream Business
- Perform contractual procurement process for consumables and additives purchases i.e.: Tender evaluation, product evaluation and site verification

- Discussions with Plant Licensor on product supply, contracts and performance to enhance plant performances.

Projects and Achievements

- Successfully lead registration with Ministry of Health (MOH) for the PVC additives under the 'Poison Control Act' until completion
- Successfully lead the Halal registration with Jabatan Agama Islam (JAKIM) for PVC products until completion

Reliability Executive, October 2008 – April 2010 PETRONAS Vinyl Chloride (Malaysia) Sdn Bhd, VCMSB

- Perform analysis of Reliability data and prepare detailed report for Management for plant equipment reliability
- Track and develop database for equipment failures due to plant reliability for further analysis and identification of 'Bad Actors'
- Coordinate meetings and discussions with Plant Operations and Plant Engineering Maintenance team to develop way forwards for 'Bad Actor' equipment

Projects and Achievements

- Successful launching of the Equipment Basic Care Campaign (EBC) for the purpose of creating a culture of ownership of plant equipment among plant operators

FORUMS & CONFERENCES(RECENT)

- OPCW Workshop on Chemical Supply Chain - Regional Road Transport Safety and Security Management for Asia Member states" (Online) October 2021
- PETRONAS Contractor s' HSE & Sustainability Forum, (Online) Jan 2021
- CICM Awareness Session on Security Code, CICM, (Online) Nov 2020
- Two-wheeler Fatality Prevention Webinar, FMM-MIGMA, (Online) Nov 2020
- Workshop on the Chemical Supply Chain Safety and Security Management for the Member States of the OPCW in the Southeast Asia, Organisation for the Prohibition Chemical Weapon (OPCW), United Nation (UN), Bogor, Indonesia Nov 2019
- Seminar On Tyre Safety: Safer Tyres For Safer Vehicles, MIROS, Oct 2019
- JPJ-CICM: Briefing to CICM Members on the Implementation of the Use of Reflectors for Vehicles Carrying DG, JPJ/CICM, Apr 2019

SKILLS& QUALIFICATIONS

- SAP GUI
- SRM
- MS Works (Words, Powerpoint, Excel)
- IMI Awards (IMI Centre Hub)
- Certified Trainer (HRDF TTT 2022)

REFERRALS

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