**Mohd Hilmy bin Md Satibi**

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**Career Summary**

**Production Operations & Maintenance Engineer** with more than 12 years total working experience in Operations and Maintenance for offshore platforms and terminals. Held multiple positions in which 5 years of experience managing offshore platforms as an Field/Maintenance Engineer and 4 years of experience managing a plant as an Operations/Production Supervisor. Acts as an interface and provide support between offshore and onshore teams in terms of oil & gas production facilities. Skills and competencies include HSE culture, operations and maintenance management, work program and budgeting, asset integrity & reliability, turnaround management, supply chain management, stakeholder management and people development. Lead teams, multi-disciplinary engineers and subordinates in delivering oil and gas production, plant optimization and debottlenecking, capital & operational expenditure, and cost saving initiatives. Input provider for technical reviews, facilities improvement and also new development projects.

**Professional Experience**

**E&P O&M Services Sdn Bhd,** Kuala Lumpur, Wilayah Persekutuan. 2019 – 2021

**Maintenance Engineer** for Jitang Project,Operations Department [2019 – 2021]

Reported to Operations Manager. Responsible for day to day oil production uptime as well as maintenance downtime of Jitang field, consists of WHP and FPSO MTC Ledang. Strengths and abilities applied for the role include familiarity of process flow and equipment, knowledge and skill in SAP procurement process, sound judgment in planning and executing maintenance tasks based on past experience. Challenges faced include adjusting to different business processes, understanding role in a leaner organizational structure, and more generalized role which also include understanding marine operations and maintenance.

**Petronas Carigali Sdn Bhd (PMO)**, Kertih, Terengganu. 2006 - 2016

**Senior Maintenance Executive** for Puteri Platform,Reliability and Maintenance (Floaters) Department [2014 – 2016]

Reported to Senior Manager. Responsible for day to day oil production uptime as well as maintenance downtime of Puteri Platform. Highlights include leadership of teams, achieved prudent cost management, identified cost saving initiatives and involved in facilities improvement.

* Lead Operation Team in the development of HSE Case for Puteri Platform. Achieved 100% operation readiness approval by senior management
* Lead prudent cost management by monitoring CAPEX and OPEX 2015 budget for Puteri Platform. Successfully achieved OPEX reduction at RM 50 million, 25% lower than CPB (RM 75 million) and CAPEX reduction at RM 2.4 million, 80% lower than CPB (RM 12 million)
* Plan & organize maintenance activities at Puteri platform by providing support and resources, leading to high equipment availability & reliability. Parts replacement are kept at optimum thus creating cost savings of RM 13 million (CPB OPEX at RM 75 million)
* Involved in commissioning a newly refurbished Multiphase Flow meter (MPFM) successfully during tenure to support well testing facility, which incidentally well testing was never been done before since Puteri Platform starts to produce back in 2010
* Coordinate Turnaround activities for the platform in which the shutdown drivers have to be addressed such as piping inspection, critical devices function tests, vessel inspections, valves replacement, etc.
* Contract holder for service contracts tied to this particular platform requirements such as catering, telecommunication, critical pump service and PPD chemical injection
* Conduct numerous inspections and acceptance offshore and onshore (Kemaman Supply Base, KSB) for platform equipment and materials delivered for projects such as piping replacement, spare parts inventory, MPFM installation, well flowline tie-ins, portable generator installation, etc.

**Production Supervisor** for Onshore Slug Catcher (OSC) Gas Terminal,Production (Terminal) Department [2012 – 2014]

Reported to Terminal Superintendent. Responsible for day to day gas sales production uptime as well as maintenance downtime of OSC Gas Terminal. Highlights include optimized plant efficiency, leadership of turnaround management, people development, effective stakeholder management and on time project delivery.

* Deliver results in line with higher management aspirations for PMO gas terminal to be leading in terms of HSE, Asset Integrity and Operating Efficiency Effectiveness (OEE). OSC so far has achieved 100% uptime without any interruptions for 3 years running (2012 till 2014).
* Lead and manage technicians and contractors in delivering Turnaround (TA) objectives during February 2013 Train A partial shutdown (SD) with DCS migration as part of the objectives (Lawit platform as driver) and September Train B 2013 partial SD (Angsi platform as driver) as well as HSE project management execution during new Terengganu Gas Terminal (TGAST) onshore pipeline approach installation. Personal coaching and mentoring to technicians, especially young non-executive technicians (NET) has increase the competency and knowledge of their skill during these activities, motivating other technicians to continue mentor and coach other less experienced staff.
* Command and control OSC gas plant operation stability thru constant communication & monitoring with plant personnel, stakeholders (PGB Downstream Gas Complex/Angsi/Jerneh/Lawit/TGCC), engineers, and higher management.
* Manage contractors’ performance and project deliverability on site by providing assistance and integration between own staff and other contractors/partners. Projects collaborated include vessel cleaning and inspection, major valves change out, custody metering inspection and field instrument obsolesces replacement

**Operations Supervisor** for Terengganu Crude Oil Terminal (TCOT) and Onshore Slug Catcher (OSC) Gas Terminal,Production (Terminal) Department [2011 – 2011]

Reported to Terminal Superintendent. Responsible for day to day oil and gas sales production uptime as well as maintenance downtime of TCOT and OSC Gas Terminal. Highlights include optimized plant efficiency, conducted process debottlenecking, leadership of turnaround management and on time project delivery.

* Deliver results in line with higher management aspirations for PMO crude oil & gas terminal to be leading in terms of HSE, Asset Integrity and Operating Efficiency Effectiveness (OEE). TCOT and OSC so far has achieved 100% uptime without any interruptions for 2011. Engage in providing reference and recommendations for Operations Procedure (OP) development with Asset team
* Proactively reduce unwanted produced water inventory in crude oil storage tanks during upstream process upset crisis via selective tank management. Successfully removed all produced water inventory in tanks to zero during tenure
* Manage contractors’ performance and project deliverability on site by providing assistance and integration between own staff and other contractors/partners. Projects collaborated include tank cleaning and maintenance, Produced Water System (PWTS) upgrade, heat exchangers (HX) cleaning & inspection and vessel cleaning & inspection activities. Lead and manage technicians & contractors in delivering Turnaround (TA) objectives with DCS migration and Fire & Gas (F&G) upgrade as part of the objectives

**Field Engineer** for Dulang A/B/C/D platforms, Production (Dulang) Department [2009 – 2010]

Reported to Senior Manager. Responsible for day to day oil production uptime as well as maintenance downtime of Dulang Platform. Highlights include implementation of cost saving initiatives, strategic initiatives deliverables, new development projects progression and effective stakeholder management.

* Implement cost saving culture for Dulang field. Identified potential savings from CAPEX and OPEX such as production chemical optimization, logistics, and contractors' manpower & equipment mobilization, which results in RM 0.69 Million cost savings for the Asset
* Key focal person for many of the Asset's function such as Knowledge Management (KM), Document Archiving and Retrieving System (DARS), Cost Savings Initiatives and Work Program Budget (WPB) submission
* Involved in many Dulang field's project development and maintenance such as Compressed Gas Capacity Enhancement (CGCE) upgrade, A-14, D-22 and D-17 Infill Drilling Work Over campaign, 4D seismic data acquisition survey, crane refurbishments and Water Injection Module (WIM) shutdown
* Act as liaison to stakeholders towards MISC and FSO Ventures with regards to the marine operation of FSO Puteri Dulang, which provides crude oil storage for Dulang A/B/C/D production. Familiar with contractual agreements such as Operation & Maintenance (O&M) and Bare Boat Charter (BBC) terms and conditions as part of leasing FSO as the client

**Field Engineer** for Pulai A/B, Ledang A and Tinggi A platform,Production (PM9) Department [2006 – 2008]

Reported to Senior Manager. Responsible for day to day oil and gas production uptime as well as maintenance downtime of Pulai A/B, Ledang A and Tinggi A Platform. Highlights include cultivated HSE culture, asset & reliability management assurance and on time project delivery.

* Acts as a member of HSE Recommended Action Items (HSERAI) Action Committee. Achieved 100% HSE plan completion for Pulai and Tinggi platforms
* Able to quickly adapt to be proactive for managing deteriorating brown field assets. Organized Tinggi A P160B Main Oil Line (MOL) pump refurbishment, expedited Pulai A 3”X900# check valves for SD (5 days procurement) and facilitated Tinggi A C510B Instrument Air Compressor upgrade (due to spare parts obsolesce)
* Directly acts as project focal for Pulai A Produced Water System (PWTS) upgrade. Successfully commissioned the unit in 2009 to replace the existing Corrugated Plate Interceptor (CPI) water treatment system

**Skills & Training**

* Plant Operations, Plant Maintenance, Offshore Operations, Terminal Operations, Floating Production, Storage and Offloading (FPSO), Supervisory Skills, HSE Management Systems, Production Management, Operations Management, Maintenance Management, Turnaround Experience, Cost Management, CAPEX & OPEX Budgeting
* SAP ECC 6.0 (Plant Maintenance and Materials Management)

**Education**

Bachelor of Engineering (Honours) in Electrical & Electronics Engineering, Universiti Teknologi Petronas [2001-2006]