Zainalabdein HASSAN: OPERATIONs readiness engineer

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# summary

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| Operation Readiness and Assurance Engineer with experience in optimizing production processes, ensuring operational readiness, and maintaining compliance with safety and environmental regulations. track record in analyzing plant processes and equipment to identify areas for improvement, reduce costs, and mitigate risks. Experienced in working with cross-functional teams, implementing effective quality control measures, and conducting reviews to ensure operational excellence. |

# skills & abilities

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|  | * Strong knowledge and experience in Oil & Gas Control system/DCS/ICSS and field operations, including plant processes and equipment. * Proficient in SAP and MS Office Suite, utilizing data analysis and project management skills. * Thorough understanding of health and safety standards, permit to work controls, and compliance regulations. * Effective communication and collaboration skills with diverse multicultural teams. * Skilled at analyzing blueprints and diagrams, ensuring compliance and identifying areas for improvement. * Detailed comprehension of equipment manuals, safety regulations, and operating instructions. * Experienced in providing and reviewing technical reports with clear and concise communication skills. * Great knowledge and understanding of process, electrical, mechanical, and rotating equipment operations. * Expertise in materials, construction, installation, commissioning, and startup processes. |

# Experince

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| Jul 2023- Present | Operations Readiness Engineer, Wood PLC   * Collaborated with the Learning & Development department to identify training requirements, ensuring they were completed prior to start-up. * Provided support and advice on the punchlisting of systems and the closeout of punchlist items, representing the operations team. * Contributed to the execution of the Operations Readiness & Assurance Execution Plan. * Assisted in the development of Operating Manuals, Operating Procedures, and Pre-Commissioning and Commissioning Procedures, including Systems Testing Procedures. * Actively contributed to the Flawless Start-Up initiative, promoting a cost-effective and quick ramp up to targets. * Supported the Project to Asset Handover strategy, aligning it with Operations handover requirements. * Provided quality assurance and coaching on systems acceptance and punch listing activities. * Worked closely with project and operations teams to develop skills and competency requirements. * Liaised with project teams, contractors, and CSU teams, ensuring risks to the schedule were identified and raised early. * Assisted in producing punch lists, acceptance documentation, site and technical queries. * Ensured the closeout of outstanding work and punch items prior to systems being accepted for operations. * Assisted with the training and competence development of workers, ensuring personnel were trained and developed to meet existing and future work demands. |
| Mar 2020- Jul 2023 | Operation Engineer, EMC   * Analyze plant data, develop, and implement strategies to improve plant performance, efficiency, and reliability. * Work with other plant personnel to identify and resolve issues with existing equipment and systems. * Develop and maintain plant maintenance schedules and procedures, and oversee the work of maintenance technicians and contractors. * Conduct regular safety audits and participate in safety meetings, and help develop and implement safety policies and procedures. * Collaborate with other plant engineers and managers to plan and execute major plant projects. * Design and oversee the installation and operation of new plant equipment and systems, ensuring compliance with all applicable regulations and standards. * Train and mentor junior engineers and technicians. |
| Jan 2018- Mar 2020 | CRO, Samsung   * Supervise a team of control room operators and field operators during assigned shift, ensuring safe and efficient plant operation. * Coordinate with other shift supervisors to ensure smooth handovers and effective communication between shifts. * Train and mentor new operators, and provide ongoing coaching and feedback to existing team members. * Review plant performance data with other supervisors and managers to identify areas for improvement. * Respond to emergencies and unplanned events, working with other supervisors and plant personnel to resolve issues quickly and safely. * Join pre-start up safety reviews to ensure that all systems, equipment, and personnel are prepared to operate safely and efficiently. * Help in gathering and organizing all necessary documentation related to plant operations and maintenance, including permits, equipment manuals, and safety regulations. * Compile punch lists and follow up on outstanding items to ensure completion before commissioning or startup. |
| Apr 2017- Jun 2018 | Field Operator, EMC   * Operated and maintained gas plant process equipment, including pumps, compressors, and heat exchangers, ensuring safe and efficient operations. * Conducted routine inspections of equipment, identifying and troubleshooting issues and ensuring compliance with plant safety procedures and protocols. * Maintained accurate records of equipment readings, production data, maintenance activities, and safety inspections. * Trained new operators and assisted in developing their skills and knowledge of plant operations, safety procedures, and protocols. * Coordinate with CR operators and other plant personnel to ensure safe and efficient plant operation * Participate in safety meetings and emergency response drills |
| Jun 2016- Jul 2016 | Trainee, Weatherford   * Trained with Weatherford during college summer training program after successfully passing the selection interview. The training included technical and practical experience that aimed to set us in the right direction for professional career. |

# training

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| * Field Development and Uncertainty Quantification | NOV 2019 |
| * International Well Control Forum Level 1 (IWCF). | JULY 2018 |
| * project management course from PMI | JAN 2022 |
| * Distributed Control System (DCS). | AUG 2021 |
| * Process safety management | JAN 2024 |

# Education

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| 2012-2017 | B.Sc. in Petroleum Engineering, Iraq, University of Basrah |