

EXPERIENCED DCS/ICSS and PROCESS OPERATOR. PTW/ISSOW OFFICER

SEAN BADRIAN

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PROFILE

A self-motivated and safety-focused individual with almost 30 (thirty) years of experience as a DCS/ICSS Panel Operator, Permit/ISSOW Officer, and Process Technician in both the Oil/Gas and Power Generation Industry, The Commissioning and Operation of Coal Fired/Biomass Boilers, Various Gas and Steam Turbines, (Open and Combined Cycle) and all associated Auxiliary Plant (BOP). Equipped with sharp attention to detail, outstanding time & task management skills, and comprehensive understanding of machine operation & routine maintenance procedures.

An expert and trained panel and process operator, with Cert IV qualifications in Process Plant Technology, WHS and Field-Based Training/Assessment. Well versed in various PTW/ISSOW and LOTO Systems. The ability to perform various tasks as directed with great accuracy while complying with all safety standards & guidelines. Highly capable of executing tasks at a high level and willing to work flexible shifts & long hours on a rotational basis both on/offshore as needed to deliver high standard results. Willing to relocate for the right position.

PROFESSIONAL EXPERTISE

- ★ Accomplished problem solver with the ability to anticipate obstacles and formulate appropriate preventative measures to keep the work scopes on target with quality and delivery goals in mind.
- ★ Demonstrates effective leadership; Recognised as one of the Lead Mentors for the Chevron Trainees and Apprentices. Attended regular meetings between Trainee's and the CA&D, to discuss any issues or training needs.
- ★ Highly dedicated and safety focused individual with a proven record of executing work scopes effectively in challenging environments whilst maintaining safety; adheres to Detailed Operational Test Procedures, Safe Work Method Statement & Job Safety.
- ★ Possess excellent troubleshooting skills, a strong mechanical aptitude, and sharp attention to detail; accurately reads and analyses specifications, schedules, logs, and test results to determine changes with equipment controls and to deliver high-standard results.
- ★ Proven ability to forge strong and lasting working relationships through effective communication; solid understanding of the importance of teamwork, and possesses the ability understand and provide instructions in a clear and precise manner.
- ★ Skilful operator with an outstanding ability to safely and efficiently perform all tasks and operations to a high-standard; possess sound understanding of best practices within a high-risk environment.
- ★ Strong work ethic; takes pride in yielding results that exceed expectations, completes all tasks accurately, and consistently meet project goals through exhibiting an unwavering dedication and commitment towards work.
- ★ Uses a detailed & planned approach and ensures parts and additional resources are available whenever required; equipped with keen focus on achieving high-quality results in a safe and timely manner.

KEY ATTRIBUTES

- ★ ADAPTABLE & FLEXIBLE
- ★ FIRST-RATE VERBAL COMMUNICATION SKILLS
- ★ MULTI-SKILLED OPERATOR
- ★ ORGANISATION SKILLS
- ★ PROBLEM SOLVING CAPACITY
- ★ RISK DETECTION
- ★ SAFETY FOCUSED
- ★ SELF-STARTER
- ★ STRONG MECHANICAL SKILLS
- ★ TEAM PLAYER
- ★ TIME MANAGEMENT
- ★ WORK ETHIC

PROFESSIONAL LICENCES

- ★ MARITIME SECURITY IDENTIFICATION CARD (MSIC CARD)
- ★ MARINE RADIO OPERATORS CERTIFICATE OF PROFICIENCY (MROCP)
- ★ HIGH RISK WORK LICENCES:
 - BA – ADVANCED BOILER
 - TO – TURBINE OPERATION
 - LF – FORKLIFT TRUCK
 - WP – BOOM TYPE ELEVATING

INDUSTRY QUALIFICATIONS

- ★ DEFENSIVE DRIVING COURSE
- ★ SENIOR FIRST AID
- ★ SUBSTATION ENTRY & LV RESCUE
- ★ HIGH VOLTAGE SWITCHING OPERATIONS CERTIFICATION
- ★ WORKING AT HEIGHTS
- ★ BREATHING APPARATUS
- ★ CONFINED SPACE ENTRY/RESCUE
- ★ GAS TESTING ATMOSPHERES
- ★ UNDERTAKE FIRST RESPONSE TO FIRE INCIDENTS
- ★ UNDERTAKE FIRE CONTROL & RESCUE
- ★ RENDER HAZARDOUS MATERIALS INCIDENT SAFE
- ★ VENOMOUS SNAKE HANDLING & RELOCATION CERTIFICATION

PROFESSIONAL EXPERIENCE

CHEVRON AUSTRALIA (GORGON LNG) – BARROW ISLAND, WA

Permit To Work Officer - Brownfields Execution Team (engaged by FIRCROFT Australia Pty Ltd)
April 2019 - Ongoing

Responsibilities

- Delegated responsibility for the safe control of work activities in accordance with PTW procedures and the overarching principles of Simultaneous Operations (SIMOPS) primarily within the BET areas.
- Ensure all work is conducted in accordance with PTW's. Certificates, JHA's and approved work packs, check isolations/LOTO and confirm Zero energy with the WTL's.
- Periodically monitor worksite and notify WTL if conditions change in their assigned area.
- Conduct and record Gas Tests as required and perform on-site field checks and verify hazardous activities.
- Ensures compliance with PTW auditing requirements and reporting by conducting regular PTW audits and inspections.
- Signs close-out that the work is completed, and the worksite is safe and clean
- Assist in the development and promotion of an Incident Free Operations (IFO) culture by active participation in the implementation and validation of work and safety procedures as well as participate in site safety/PTW meetings.
- Ensure that construction, commissioning and start-up BET activities adhere to all safety and environmental regulations in accordance with safety procedures, PTW and statutory requirements.
- Be an active HES "ambassador" and maintain a visible adherence to the Chevron Tenants of Operation and IFO Principles.
- Active participant in hazard identification processes and other HES initiatives as they arise. Contribute to incident investigations, if required.
- Assist in the generation and development of Manage Safe Work (MSW) documentation that supports the application and execution PTW inclusive of Job Hazard Analysis (JHA), if required.
- Train staff and contractors on the Gorgon PTW process/SIMOPS.
- Appointed Permit Area Authority and Area controller

CHIYODA OCEANIA (JKC LNG ICHTHYS PROJECT) – DARWIN, NT

Commissioning Panel Operator – Appointed Permit Authority, Area Controller and Authorized Mechanical Isolator - (Combined Cycle Power Station)
Apr 2018 – April 2019

Responsibilities

- Commissioning and Operation (both DCS/Field operations) of the 500 MW Combined Cycle Power Plant built within the LNG production plant in accordance with project schedule & budget. (5 x GE Frame 6B GTG's/HRSG's and 3 x STG's model type SC4)
- Assist and support commissioning activities which included, but not limited to: Alarm and trip checks, commissioning and operation of systems associated with utilities and offsite, Function/Stroke testing, Line-Up and overall coordination for run-in of rotating equipment, Tightness testing, Inerting and drying and witnessing/performing test runs.
- Ensured compliance to JKC policies, plans and procedures the Health, Safety, Environment & Security (HSES) Plan. Promotion of Incident and Injury Free culture in the workplace.
- Complied with Detailed Operational Test Procedures, Safe Work Method Statements, Project Quality Plans, Procedures, Inspection and Test Plans.
- Liaison with Construction teams to ensure ready for Commissioning RFC and RFSU documentation is completed and punch/exception items are closed out prior to equipment/system hand over.
- Regular reporting of activities and plans to the Lead Commissioning Panel Operator.
- Appointed Permit Area Authority and Mechanical Isolator for all PTW/ISSOW in the CCPP

EDUCATIONAL QUALIFICATIONS

CERTIFICATE IV in PROCESS PLANT TECHNOLOGY – PMA40116

SOUTH METROPOLITAN TAFE
 AUSTRALIAN CENTRE FOR ENERGY &
 PROCESS TRAINING (ACEPT)
 PERTH – MUNSTER

CERTIFICATE IV in WHS (WORK HEALTH AND SAFETY) – BSB41415

CBD COLLEGE
 PERTH CAMPUS – WA

CERTIFICATE IV in FIELD-BASED TRAINING/ASSESSMENT - 10235NAT (WPTASS001 – Carry out workplace assessments and TAEDL301 – Provide work skill instruction)
 TRAINING SERVICES AUSTRALIA
 MT LAWLEY – PERTH

HSC

PORT SHEPSTONE HIGH SCHOOL – SOUTH AFRICA 1982

EVIDENCE OF HIGH PERFORMANCE

- ★ Received an award from Power Team Co-Ordinator for "Your continued support during the GTG reliability improvement outages and also during the ongoing GTG premiss testing program".
- ★ Received an award from Management for my actions regarding a SWA that was initiated on Flare Box 1. The subsequent incident investigation found that this could have resulted in a major incident, had it not been identified.
- ★ Tasked to accompany the Power Team Co-ordinator to do a presentation during a High-Level visit to site by the MD of the ABU, Nigel Hearn and Hugh Connett, President of Chevron Power and Energy Management (CPEM), we were tasked with escorting them through the site and help host a workshop to outline how the team has successfully implemented a series of rolling, planned outages across all five GTGs, significantly lifting their reliability. The focus of the outages included completing the commissioning of the units to bring them to total design output including changes to the automation systems, repairs and changes to equipment.
- ★ Temporary secondment to Wheatstone August 2017 – January 2018, to assist with Isolation Builds and PTW Preparations.
- ★ Appointed as one of the Lead Mentors for the Trainees and Apprentices.

PROFESSIONAL EXPERIENCE CONT'D

CHEVRON AUSTRALIA (GORGON LNG) – BARROW ISLAND, WA**CCR/DCS Panel Operator – Power Systems/Fire & Gas****Production Technician – Utilities/Storage & Loading Jan 2014 – Apr 2018****Responsibilities**

- CCR/DCS Panel operations which include Fire/Gas Systems, Power Generation & Distribution Network, Power Management System, & Emergency Response coordination.
- Appointed Area Controller, Authorized Mechanical Isolator and Authorized Gas Tester.
- Development of various operating procedures, production work instructions, assessment documentation, isolation of plant and issuing of Permit to Work, including Hot Work, Working at Heights, Confined Space and others.
- Utes 1 Field Technician - Power generation and distribution, the commissioning and operation of 5 x 2.5 MW EDG (Black Start Emergency Diesel Generators, 5 x GE Frame 9F 125MW Gas Turbines (Simple/Open Cycle), Fuel Gas Module, Ground Flare Module (wet and dry)
- Utes 4 Field Technician - the commissioning and operation of 320 000lt Diesel Storage and distribution facility, 700 m³/day Reverse Osmosis Plant, 11 x 2.5 MW Diesel Generators (Temp Power Station) Water/Sewerage and Waste Water Disposal facility
- Storage and Loading Technician – the commissioning and operation of the BOG Compression and BOG Flare Systems, Loading Operations on both LNG and Condensate Jetty, including the mooring/unmooring of LNG and Condensate Vessels
- Generation of defect notices via JDE

Achievements - Temporary Secondment to Gorgon's sister facility "Wheatstone" to assist with Permit to Work Preparation and Isolation Designs for their 1st major shutdown event.

CITIC PACIFIC MINING (SINO IRON ORE PROJECT) CAPE PRESTON, WA**CCR Panel Operator (Combined Cycle Power Station) Operations Technician,****Permit Coordinator****Apr 2011 – Jan 2014****Responsibilities**

- Commissioning and Operation of the 490 MW Combined Cycle Power Station at Sino Iron Ore Project at Cape Preston in WA
- Permit coordinator, design/implement Isolation's (Mechanical/HV). Issue of All PTW, including Confined Space/Hot work/working at heights etc.
- Liaised with management, staff and other stakeholders; promoted coordination and established positive relationships.
- Performed all tasks in adherence with both organisational and Australian standards.

TRIFIELD SERVICES AUSTRALIA – COLLINSVILLE POWER STATION, QLD**Power Technician –CCR/DCS Panel Operator, Permit Coordinator****Feb 2008 – Nov 2010****Responsibilities**

- Issue/Prepared Work Permits and Plant Isolations using the Permit to Work System (PAS version 2.2.2).
- Performed isolation/switching of plant (Mechanical/HV) - 415v, 3.3kv, & 132kv.
- Prepared Switching sheets including the application of programmed earths/portable earths and earthing trucks
- Safely handled operation of 5 x Coal Fired Boilers/Steam Turbine Generating Units, with a total capacity of 190 MW.

EVIDENCE OF HIGH
PERFORMANCE CONT'D**JAMES HORSBURGH**Shift Senior Operator Maintainer Technician,
Citic Pacific Mining Management Pty Ltd

"Sean is highly intelligent but that's not the only attribute that makes him an excellent Operator. It's those smarts combined with his experience and his ability to solve problems that makes him such a valuable member of our team currently. A true 'Project Warrior' Sean was 'invaluable' during the Power Stations recent steam commissioning phase."

DALE HARDY

Shift Superintendent, NRG Operations

"Sean is a confident Operator, a quick learner and demonstrates all the competencies required to fulfill the position of Production Technician."

CHARLES (CHARLIE) WEBSTERSenior Advisor Asset Management,
HC Morrison & Associates

"Sean is an experienced generating plant operator who has worked with many types of plant over the years. A key strength is that Sean has very good teamwork skills and lifts the spirit of his workplace."

COMPUTER SKILLS

- ★ MS WORD & EXCEL
- ★ SAP R3
- ★ CONTROL SYSTEMS / HMI:
 - ABB POWER PORTAL
 - MARK VIe
 - YOKOGAWA DCS/ICSS

WORK HISTORY cont.../

VISY INDUSTRIES – TUMUT MILL, VPP9

PRODUCTION ENGINEER

OCT 2002 – JAN 2008

SAPPI – NGODWANA, SOUTH AFRICA

SENIOR PROCESS TECHNICIAN – UTILITIES

MAR 1989 – SEP 2002

REFEREES

JEFFREY MILLS

LEAD OPERATIONS COMMISSIONING - CCP

JKC LNG – ICTHYS INPEX PROJECT

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