

Mr. Songwut Taranat



Professional Summary

Total 13years cumulative work experience in the field of Engineering, Electrical and Instrumentation maintenance and project construction execution. Particularly in Petrochemical plant, Oil & Gas Refineries, Power plant and other similar Heavy Industrial environment. Acquired extensive experience in all phases of maintenance and construction Driven Assistant adept at developing and maintaining detailed administrative and procedural processes that reduce redundancy, improve accuracy and efficiency and achieve organizational objectives. Over 6years of experience support leaders in management and executive roles. Reliable electrician with keen focus on detail, accuracy and business impact of reports and communications. Expertise in Microsoft Office and QuickBooks software. Certified administrative professional committed to quality performance, cognitive thinking and management of organizational goals. Exceptional organizational and communications skills.

Work History

PTTEP Services E&I Technician (Offshore Platform)

Bangkok Thailand **Jan/2013 – Feb/2019**

- Familiar Gas turbine generator, Gas turbine compressor and Accessories Gearbox, pre-post Lube oil, generator synchronization, load sharing concept
- Troubleshoot electrical and instrumentation equipment problems such as fire and gas systems
- Familiar Vibration system monitor
- Familiar power network system startup plant, backup power, battery limit
- Identified specific EX device, connectors, fuses, circuit breakers and other electrical devices required for Maintain of Explosion proof systems
- Ensure and follow prescribed HSE processes, standards and guidelines to ensure a safe working environment and workplace for self and others
- Operated multi-meters, overload protect, protection relays and other electronic testing devices to accurately diagnose equipment issues
- Studied and interpreted equipment manuals, circuit diagrams, blueprints and schematics to determine corrective actions for repairs, calibrations and installations
- Performed scheduled and planned installation and maintenance duties to ensure operational efficiency
- Managed engineering changes using SAP systems
- Evaluated installed electrical equipment and systems to isolate faults and implement corrective actions
- HV/LV identified specific cables, connectors, fuses, circuit breakers and other electrical devices required for installation of monitoring systems and weapons detection systems
- Performed in-depth electrical acceptance testing of completed hardware, including continuity and high-potential isolation testing
- Perform scheduled and emergency calibration of instruments including pressure, flow level, temperature and analytical devices to ensure reliability of instrument readings

SCG chemicals – Electrical And Instrument Technician

Rayong Thailand **Oct/2006 – Dec/2012**

- Devised checklist for Document Control clerks to streamline the release of Design Plans and increase accuracy
- Adhered to rigorous standards for customer service, merchandising, operational safety and security policies and guidelines
- Directed subordinate managers in day-to-day performance of groups involved in operation and maintenance
- Applied core knowledge, to effectively and promptly communicate sensitive or technical information while adhering to regulatory and corporate privacy guidelines
- Coordinated weekly meetings for internal and external groups, including teleconferences and videoconferences, interacting with all levels of management
- Organized daily workflow and ensured appropriate staffing to provide optimal service
- Learned about selection of complete hardware and design, including development of network architectures for Simatic PLC, HMI and SCADA Systems
- Reported status of operations to Bureau Chief, managing and directing day-to-day operations and supervising several divisions
- Achieved client confidence and protected operations by keeping information confidential
- Modified and maintained tools to support operations and business process creation using Adobe Acrobat, SharePoint, Excel and Access capabilities
- Oversaw periodic safety inspections, patrol service and immediate response to all safety-security situations
- Monitored machines during operation to detect sounds of malfunctioning or excessive vibration and adjusted machines or replaced tools to eliminate problems
- Monitored key dates to ensure information is obtained by deadlines
- Administered and prescribed appropriate courses of treatment, including pharmaceutical medications
- Used measuring tools such as gages and tape measure to identify conforming parts during production
- Identified areas of weakness and recommended or implemented process improvements
- Monitored and created control reporting to track performance of system and process integrity, vendors, internal workflows and SLAs

Skills

- Turbo Machinery Generator and Compressor
- Writing maintenance reports
- Inspection and repair
- Installation and maintenance
- Safety regulation adherence
- Power systems
- Time management
- Technical support
- Wiring schematics
- Electrical engineering
- Advanced critical thinking

Education

Chiang Mai Technical College
Diploma Certificate

Contact

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