

JOB DESCRIPTION

<p>Job Title : Senior Panel Operator</p> <p>Reporting to:</p> <p>Division : Umm Shaif Asset Unit</p> <p>Department :</p>	<p>Post Number : 277 220-23</p> <p>U n i t : Production Business</p> <p>Location : USSC</p> <p>Grade :</p>
<p>1. <u>Job Purpose:</u></p> <p>Responsible for monitoring plant parameters through LAN Network servers display system and takes immediate necessary corrective actions independently in the event of abnormalities or Malfunction in various equipments such as Gas Turbine Generators, associated auxiliary equipments, high voltage and voltage switchgears to avoid unnecessary tripping of critical supplies / feeders in order to minimize production losses.</p>	
<p>2. <u>Principal Accountabilities:</u></p> <ul style="list-style-type: none"> ◆ Operates high-speed equipments such as gas turbines, high voltage alternators, diesel generator, and air compressors, cooling water pumps, fuel transfer pumps and fire pump. ◆ Ensures smooth and steady supply of high voltage electrical power to water injection platform, Oil & Gas production plants and to the entire complex. Provides and maintains steady supply of utility and instrument air to the entire plant. ◆ Operates Fire & Gas system for HV/LV switchgear and gas Turbines through OIT PLC based genius monitoring and control system and takes immediate necessary action as appropriate in the event of alarm, false alarm and system malfunction. ◆ Ensures the upkeep of all standby emergency equipments such as Diesel generator, standby air compressors and Diesel firewater pump. ◆ Operates various power utilities equipment in the central power plant such as gas turbine, generator, transformers to supply power via 11kV and 415V cable as per standard instruction, compressed air generated by turbines, pressurized fire water to all industrial and civil parts of the super complex, Fire & Gas system BTM, CO2, Fire, Water, and communicates with CCR in emergency situations. ◆ Monitors variables and corrects control setting on valve opening to maintain proper function of plant and operation standard temperatures, pressures and cooling water flow rates, checks all Rotating Machinery and data collected for performance improvement and efficient operations. ◆ Ensures the implementation of ADMA work permits system where isolation and depressurization of Gas Plant, Air Plant, Water-cooling system & Utilities in the power generation platform is involved. ◆ Monitors plant parameter through DCS screen display, diagnoses and takes corrective action for all equipment on power plant to prevent major shutdown which can cause complete loss of oil production. 	

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Principal Accountabilities (continued):

- ◆ Adjusts various operations and instruments, turbines and alternator such as speed, current angles of operation frequency, in case of abnormal readings such as high temperature, high reading of rotating equipment informs supervisor accordingly to synchronize indicators and ensures smooth operations.
- ◆ Carries out planned inspection on power generation facilities and equipment and ensures maintaining proper house keeping standard in the plant and maintains safety of equipment and takes corrective action in case of abnormalities and emergencies.
- ◆ Directs and guides contracted maintenance personnel when carrying out work in the power platform or commissioning the plant after major overhaul and installation of new equipment.
- ◆ Performs other related duties as assigned by supervisor such as: coordinating provision of power and utilities as requested by various users, coordinating maintenance and ensuring availability of power of various units under maintenance, operating instrument and utility air systems, cooling water system, raising work request, preparing plant reliability reports through the system, calculating stock weekly, identifying diesel requirements and distributing to the different plants, etc.

3. Dimensions:

Budget(Operating/Capital), if applicable:

No. of employees supervised:

4. Communication & Organisational Relationships:

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5. <u>Physical Effort:</u>
6. <u>Work Environment:</u> Visiting sites)
7. <u>Minimum Requirements [Knowledge Skills & Experience]:</u> ♦

Compiled by:	Date:
Initialed by:	Date:
Reviewed by:	Date:
Approved by:	Date: