

104343-ELE-145CGMPSiyz-E-2005

Power Stations Manager

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 15 years hands-on experience in oil and gas sites in construction and commissioning. 15 Substations, Utility area, HCU, DCU, SRU, SWS, Tanks farm and boiler area. Senior E&I Inspector for 4 gas wells offshore site.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/08/1982
Gender : Male
Residence : New Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Al-Azhar University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: PMP preparation.
: PLC programming.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2021 till now
Employer : National Electricity Technology Company - KAHRABA
Job title : Power Stations Manager
Job Description :

- SWGR types: PIX 800 A, MCset 3150 A and renonix.
- Substation capacity 325 MVA, 66KV/11KV, 66KV/22KV, 11KV/0.4KV, 22KV/0.4KV.
- Supervision on construction activates.
- Supervision on commissioning activates.
- Supervision on operation and maintenance.
- Supervision on subcontractor works.
- Review designs.

- Make maintenance plan.
- Make inspection for all substation equipment.
- Review safety procedure.

Dates : From Jul. 2020 till Jan. 2021
Employer : T&C for EBC Company
Job title : Senior Substation Engineer
Job Description :

- Review project specifications.
- Review Design drawing.
- Prepare Time schedule.
- Management construction team.
- Determine required Tools and material.
- Review the contract between the owner and contractor.
- Review the contract between main contractor and subcontractors.
- Prepare meeting with consultant.
- Replay the contractor letters.
- Prepare method of statement.
- Arrange with other subcontractors.
- Prepare method of statement.
- Make pricing.

Dates : From Mar. 2020 till Apr. 2020
Employer : BUREAU VERTAS
Project : Offshore site 4 gas wells at Mediterranean Sea
Job title : Senior E&I Inspector
Job Description :

- Supervision on construction and commissioning or E&I on the barge.
- Electrical:
 - MCC installed, commissioning and start-up.
 - Motors installed and start-up.
 - Cable tray, cable pulling, cable termination, cable glanding.
 - UPS, Batteries charger and transformers.
- Instrument: Valves, Pressure Transmitters, temp transmitters, scada system, PLC panels, gas detectors, flame detectors and fire alarm system.

Dates : From Feb. 2017 till Mar. 2020
Employer : GS E&C
Project : ERC Refinery Project in EGYPT
Job title : Senior Electrical Engineer (Substation Engineer)
Job Description :

- For substation 2, 5, 6, raw and demi water substation, lab swgr and DCU substation - Supervision on construction and commissioning.
- Review the project specifications.
- Review the contract between contractor and owner.
- Prepare construction plan.
- Prepare safety roles.
- Prepare time schedule.
- Management subcontractors.
- Review monthly invoice from subcontractors.

- Arrange with other disciplines.
- Management Electrical Vendors.
- Supervision on Substation subsystems SAT.
- Supervision on SAT for MV SWGR 6.6KV Schneider.
- Supervision on SAT for LV MCC ABB.
- Supervision on SAT UPS and DC charger Schneider Gutor PXP.
- Supervision on SAT for PDP, MDB and Bus duct ABB.
- Supervision on SAT for VSD Vacon.
- Review subcontractors PTW.
- Testing the subcontractor technicians.
- Review design drawings.
- Review subcontractor tools and material.
- Prepare meetings between contractor, subcontractor and consultant.
- Inspect construction quality.
- Supervision on inspections with the consultant.
- Supervision on installing LV, MV SWGR up to 33KV.
- Supervision on cable pulling and terminations.
- Supervision on installing MCC, PDP, MDB, LCP, UPS, DC charger and Batteries connection.
- Make LOTO schedule.
- Supervision on installing Fire alarm systems (smoke detectors addressable and non-addressable, heat detectors addressable and non-addressable, explosion proof heat detectors, HSSD, liner heat detectors, Beam detector, Horn and speakers and manual call point.
- Firefighting systems FM200 cylinder, CO2 cylinder, water spray system, jockey pump diesel Water pump and manual release switch.
- Telecom systems (hand set, horn and speaker, CCTV, telephone outlets, internet outlets, coaxial cables, fiber optical cables and CAT5 and CAT 6 either net cables).
- Gas leakage detectors system.
- Cable tray systems (ladder cable tray and perforated cable tray).
- Tanks lighting.
- Tanks grounding network.
- Tanks fire alarm system.
- Outdoor / indoor lighting systems (emergency lighting with battery and without batteries, explosion lighting fixture, normal lighting fixtures).
- SCADA system.
- Substation fire alarm and firefighting systems.
- Outdoor / indoor telecom systems.

Dates : From Apr. 2012 till Feb. 2017

Employer : KAHRABA, one of NAT Gas Companies

Project : National Electricity Technology Company – KAHRABA – NAT GAS 100 MW/HR 10 GENSET WARTSILA and 10 CATERPILLAR

Job title : Power Generation Station Manager

Job Description :

- Prepare construction plan.
- Prepare safety roles.
- Prepare time schedule.
- Management subcontractors.
- Review monthly invoice from subcontractors.

- Arrange with other disciplines.
- Review subcontractors PTW.
- Testing the subcontractor technicians.
- Review design drawings.
- Review subcontractor tools and material.
- Prepare meetings between contractor, subcontractor and consultant.
- Inspect construction quality.
- Supervision on inspections with the consultant.
- Supervision on installing generation units.
- Make LOTO schedule.
- Supervision on installing 22KV, 11KV, 0.4KV SWGR.
- Supervision on installing, testing and start-up oil transformer (11/.4KV, 11/22KV, .4/11KV).
- Supervision on installing, testing and start-up dry transformer.
- Supervision on MV cables pulling, terminations and hipot testing.
- Supervision on SAT for MV SWGR 22KV, 11KV Schneider.
- Supervision on SAT LV SWGR and VFD.
- Supervision on diesel generator SAT WARTSILA 7MW, Caterpillar 2.8MW and Wartsila 4MW.
- Supervision on installing cable tray systems.
- Supervision on installing embedded and exposed conduit systems.
- Supervision on installing lighting current system (CCTV, Fire alarm, Firefighting systems, FM200 systems, CO2 systems).
- Supervision on installing and start-up lighting systems (indoor, outdoor and emergency).
- Supervision on installing UPS, battery charger, batteries.
- Supervision on LV cables termination, splicing and testing.
- Prepare energizing procedure.
- Make energizing.

Dates : From Jan. 2007 till Apr. 2012

Employer : SAHARA GROUP for oil and gas substations

Job title : Senior Electrical Engineer

Job Description :

- Supervision on construction and commissioning for 2 MV S.S IN SEDPIC Manufacture (cable laying, MV cable terminations, installing MV S.S).
- Supervision on upgrade SCADA system in RASHED FOR PETROLUM CIMIAN Phase (Cable pulling, termination, glanding, install panels).
- Supervision on construction and commission for Tamo water treatment plant (cable laying, termination install 4 MV S.S, install control panels and MV SWGR).
- Supervision on installing and programming flow meters (Ultrasonic flow meters, Mag flow meter and turbine flow meter).
- Supervision on installing and connecting (pressure transmitters, pressure switch, pressure gauge, PT100).
- Make calibration using Druck multi-function calibrator, Hart calibrator.

Dates : From Nov. 2005 till Jan. 2007

Employer : TMG Company (Siemens system integrator) for oil and gas sites

Job title : Electrical Engineer for oil and gas sites and substations

- Job Description** : Experience in (control panels, power panel, ultrasonic flow meters, mag flow meters, plcs and data loggers, soft starter, VSD, wireless scada systems).
- Field of experience** :
- Over 15 years experiences in Refinery, petrochemical, power stations, oil and gas sites.
 - 5 years Generation Power Station Manager for construction and commissioning.
 - More than 10 years in oil and gas substations.
 - Experiences in MV SWGR 66KV, 22KV, 11KV, 6.6KV.
 - SAT experiences in LV SWGR MCC, PDP, MDB, UPS, DC charger and VSD.
 - FAT and SAT experiences for diesel generators up to 10MW WARTSILA, CATERPILLER and HYSOUNG.
 - Offshore experience with Bureau Veritas BV French Company.
 - Supervision for E&I works for 4 gas wells.
 - 3 years main contractor experiences.
 - 3 years with GS E&C Korean Company supervision on construction - Substation Engineer.
 - Fully aware about work flow procedure in the mega projects (construction, inspection, commissioning, walks down, Punch clear, energizing, O&M).
 - Fully aware about the following subsystem: MV, LV, MCC, VFD, Transformers, Lighting, Earthing, AC ups, DC ups, fire alarm, firefighting, telecom for its FAT, SAT commissioning and start-up.
 - Authorized in PTW & LOTO procedure from GS Korean Company.
 - Protection relay and instruments experience:
 - Protection relay: Sepam20 series, Sepam 40 series, REF 615, REF 620, Micom, Vamp 255.
 - Instruments: meggar, lux meter, multimeter, vibration meter tachometer, thermometer, CT analyzer, VT analyzer, CPC 100, CMC 356, Multifunction calibrator druck, thermowell calibrator.