RESUME



MUHAMMAD AFZAL

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Current Position : **ELCTRICAL ENGINEER & QC ELECTRICAL**

(7+ Years Exp.)

Date of Birth : Feb. 10, 1992

QUALIFICATION : **Bachelor of Engineering** Degree in Electrical & Instrument from BZU, Multan, Pakistan.

: **D.A.E** in Electrical through Punjab Board of Technical Education, Lahore, Pakistan.

TRAININGS/COURSES : **Nebosh IGC** from U.K shield
: **Safety Inspector** training through Zelcon Training Institute, Lahore
: **IOSH** Certificate through Orient training center ABU DHABI.
: **Job Performer** certificate through C.C.I.C and ADCO training Center.
:**Job originator / Acceptor** certificate through C.C.I.C and GASCO Training center.

ADNOC APPROVAL : **E&I QA/QC** approved from Adnoc.

SUMMARY

Electrical and Instrument Professional involved in E&I installation and Inspection. Understanding of Power plant working and handling structure.," with good background in, Construction Management, Maintenance Management at Oil, Gas well heads, Sub Stations, Power Plants and Oil & Gas Plants Projects with 8 years proven work experience in Field Surveys, Installation,Supervision, Testing, Monitoring, Inspection & Maintenance.

KEY PROJECTS & POSITIONS

Position	*PROJEC*	Period
Electrical Engineer & QC Electrical	**DEWA Phase 4 , 700 MW CSP + 250 MW PV Power plant, Dubai in CPECC EPC;Shanghai Electric**	**Dec 2021 to Present**
Electrical Engineer& Qc Electrical	***BAB INTEGRATED FACILITES PROJECT CPECC* company, Abu Dhabi. CLIENT (ADNOC)**	***FEB 2019 to Dec 2021***
Electrical& Instrument Inspector	***Integrated Gas Development Expansion Pipeline-IGD-E) 42" Gas Pipeline from Habshan-5 to Ruwais & 6" Gas Pipeline from Habshan -5 to Habshan 1-4], GASCO, Contractor: Technicas Reunidas* , Consolidated Contractors company, Abu Dhabi**	***Jan 2016 to AUG 2018***
E&I & Cathodic ProtectionSupervisor	***At BHOG Phase-1 and Phase-2, Consolidated Contractors Company, Abu Dhabi: With client:ADCO, Contractor: Petrofac.***	***Nov 2014 to Jan 2016***

EXPERIENCE DETAILS:

CHINA PETROLEUM ENGINEERING & CONSTRUCTION CORPORATION.

Position : **ELECTRICAL ENGINEER / QC ELECTRICAL**
Project Ref. : ***BABINTEGRATED FACILITES PROJECT ONSHORE ADNOC***
Location : Habshan near Madina Zayed City Western Region
Client : ***ADNOC***
Period : ***FEB 2019 to PRESENT***

Responsibilities and Duties:

E&I Responsibilities.

- Inspection for Receiving Material with all Testing Cable Drum IR, Installation for HV/MV/LV/EC/IA Cable laying with testing, High-Pot,IR with Glanding and Termination. HV and LV component Installation with HV/MV/LV SWGR, MCC, Capacitor Bank Switchgear, AC/DC UPS, Battery Bank, Isolator, RTCC/AVR, OLCMS, FMS, SCMS, Protection, Auxiliary, Metering, Lighting, UPS Alarm PANELS Bus Duct Installation. Inspection for Buffer Transformers33kv/34.5kv Installation, Radiator, Fan, Bushing, with Oil filling and Bolt Torqueing &Testing, BDV, DGA, Liquid Level, Liquid Temperature, Winding Temperature with NER Installation.EDG, Earthing Pit, Cable Tray Installation, Inspection of site construction activities as per approved ITP's, IFC latest revision drawing in according with project specification.
- Attend meeting with the Consultant and Client for coordination and workshop meetings.
- Implementation of work on site according to drawing.
- Checking technical designs and drawings to ensure that they are followed correctly
- Providing technical advice and solving problems on site
- Preparing the daily and weekly progress reports.
- Preparing reports in order to achieve the forecast date of the project specification strictly implement, site safety program proceeds with efficient project leadership, and qualifies by establishing a program & system that ensures implementation of the site safety requirements. Incoming material inspection, control and using monitoring as per project specification and requirement.
- Insulation resistance testing for transformers, MV switch gear, LV switchgear and power cables.
- Have good knowledge and experience about the material arrangement and storage commonly used for electrical works.
- Installation of the following electrical equipment's: switch gear, MCC, switch board, transformers, bus bars, batteries, motors and other electrical accessories.
- Grounding and lighting protection system.
- Glanding and termination of cables in substation panels, motors, street lights, motor hand switches, transformers and batteries.

Motor solo run test, check for rotation direction, vibration, temperature and current testing.

- Installation of cable tray, lighting fixtures, hand switches, field junction boxes and control building cabinets.
- Installation and glanding & termination of public address system equipment and accessories.
- Installation of Fire & gas instruments in control buildings and field.

- Laying, glanding & termination of cables for fire & gas instruments.
- Assistance with the personnel during commissioning activities.
- Easily can perform the jobs in running plants with safety requirements.

- Punch list clearing and assistance with the QC inspectors during inspection after the completion of job.
- Have a good knowledge about the project safety rules and regulations.
- Easily can get along with peoples in any environment and believe to follow the team work requirements.
- Assist construction group for the calibration of instrument, leak testing and other construction works related to Mechanical Completion.

PERSONAL DATA

Father's Name	Muhammad Shafi
Religion	Islam
Date of Birth	15th July
Blood Group	A+ve
Passport #	EP1519452
Validity	17 APR 2023
Driving Licence	UAE.