

ENGR. IZHAR AHMED

AL JAZIRAH RESIDENCE, THUWAL, JEDDAH
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Having more than sixteen (16) year experience in the fields of power generation, power distribution & transmission network systems in Pakistan and presently working with Saudi Bin Laden Group (KSA) as **ELECTRICAL ENGINEER (MV)**.

Work Experiences (List from current to first)

Name of Company	Position	From	To
1.Saudi Bin Laden Group	Electrical Engineer MV	2009	Till Date
Brief Job Description :			
<ul style="list-style-type: none">•Supervising the maintenance of 13.8kV Distribution Transformers, SF6, VCB Switchgears, Substation's earthing, Lightning Protection, VT, CT and Surge Arrestors.			
<ul style="list-style-type: none">. Supervised MV cubicles testing including the switch gear's open/close timing, contact resistance, insulation resistance tests etc.			
<ul style="list-style-type: none">. Supervised the transformer's IR, TTR, and Winding resistance tests.			
<ul style="list-style-type: none">• Supervision of maintenance of MV / LV cables, Cable Jointing, End Terminations (Indoor SF6/VCB)			
.Supervising Diesel Power Plant for Al-Jazira Palace in Jeddah of 26.250MVA Capacity and its Distribution (MV/LV)			
<ul style="list-style-type: none">• Supervised the maintenance of Control Building Auxiliary Power scheme, 130 DCV, Battery charger,EDP,DP,MCP and ELP ..			
<ul style="list-style-type: none">.Supervised UPS installation (20KVA-250KVA) for emergency power supply.			
<ul style="list-style-type: none">▪Supervised of Emergency supply feeders (EMVF) from Emergency standby LV generators and its distribution.			
<ul style="list-style-type: none">• Coordination between Saudi Electricity Company's Maintenance and Planning Departments about work issues and for work permits.			
<ul style="list-style-type: none">• Maintenance and operation progress report to PM/Head of department of 2 no of MV switching stations, 35 # of MV substations and 1 EMV switching station.			
<ul style="list-style-type: none">▪ Maintenance and testing of control system of distribution T/F (dry type) including blowers,sensors,protective relays, coils physical checking ,thermal images of the HV/LV connection ,earthing connections and insulation resistance etc.			
<ul style="list-style-type: none">▪ Maintenance of UPS and battery chargers for DC supply of Switchgears control and protective system.			
2.Pakistan Steel Mills corporation, Pakistan	Assistant Executive Engineer(HT/LT)	2005	2009

Brief Job Description :	
<ul style="list-style-type: none"> •Supervision of 132/11/6.6KV Karachi Electricity Supply company (KESC) through MSDS for different indoor Distribution substations (DS). 	
<ul style="list-style-type: none"> •Sound knowledge of TTP and KESC supply for the whole Steel Mills Corporation billing and demand activities. 	
<ul style="list-style-type: none"> •Supervised the maintenance of two # of 63MVA and many other transformers including dielectric strength ,insulation tests etc. 	
<ul style="list-style-type: none"> • Experience as Generation Engineer and have fair knowledge of turbines, boilers, super heaters and synchronization system of 165MW TTP. 	
<ul style="list-style-type: none"> •Scheduling of maintenance for the two # of 63MVA power Transformers used for incoming circuits from KESC. 	
<ul style="list-style-type: none"> • .Planned preventive maintenance of Transformer sub-stations including Ohm resistance of winding, Dielectric strength of oil, insulation tests and ACBs different tests. 	
<ul style="list-style-type: none"> •Supervision the scheduled calibration and maintenance of metering system including Ammeters, Voltmeters and temperature meters etc. 	
<ul style="list-style-type: none"> •Coordination of shop drawing revision with Central design bureau (CDB) for the future extension and amendment. 	
<ul style="list-style-type: none"> • Sound Knowledge of Genset 10MVA/7.3MW , (synchronous motors), 	
<ul style="list-style-type: none"> •Dc drives 6.3MW-2MW its protection, maintenance& Operation. 	
<ul style="list-style-type: none"> •Sound knowledge of different test of DC drives including (MNA), drop test, winding values test. 	
<ul style="list-style-type: none"> • MV & LV Side main Power Cables. Distribution and sub Distribution panels. 	
<ul style="list-style-type: none"> • Supervision of maintenance for distribution panels, control panels, LP and ELP (AC/DC). 	
<ul style="list-style-type: none"> • Site visits about electrical works and planning and scheduling of PPMs. 	
<ul style="list-style-type: none"> •supervision of AC/DC distribution power panels, cable Tray, cable laying and termination, Indoor lighting , Electrical power and control system, Electrical control of fire fighting (Sprinkler) system and lightning arrester. 	
<ul style="list-style-type: none"> • Sound knowledge of interlocking, trouble shouting of CTs, PTs, over load and different auxiliary relays of the system. 	
<ul style="list-style-type: none"> • Sound knowledge of battery chargers/bank system. 	
<ul style="list-style-type: none"> • Supervision of Cable pulling, termination and panel installation. 	
<ul style="list-style-type: none"> • Supervision of Cable pulling, termination for the new installed 630 KW DC motors. 	
<ul style="list-style-type: none"> • Taught as visiting lecturer during my employment at Pakistan steel institute of technology (PSIT) for the 3 years diploma and on job trainee for almost 4 years. 	
<ul style="list-style-type: none"> 	
<ul style="list-style-type: none"> 	
Brief Job Description :	(temporary transfer from DOKAAE to JARAMAT bridge)

- Supervised the maintenance activities of all the distribution transformers (oil type +dry type) of 30 No .of MV substations.
- Supervised the maintenance of UPS and chargers of the substations.
- Supervised the on/off load test of the installed emergency generators (LV) for each substations.
- Carried out the scheduled maintenance of high mast lighting system.
- B.M.S system was thoroughly checked for the LV MDBs and ATSS.
- Supervised the new installation of the UPS and changed some parts of the existed UPS.
- .Maintained the desert cooler installed including ,pumps and flow switches etc.

Educational Qualifications	Starting from most recent(Highest to lowest)			
	Name of School/College/ University/Institution	Year Attended		Qualification
		From	To	Certificate/Diploma/Degree
IIMT University Ahmadabad, Gujarat ,India	2016	2018	MPEE Electrical Power system	
NWFP University of Engineering and Technology ,Peshawar, Pakistan	2000	2005	B.Sc Electrical & Electronic Engineering	
University of Peshawar ,Peshawar, Pakistan	1998	2000	B.Sc Computer Science	

Membership:

1. Pakistan Engineering Council since 2005.

2. Saudi council of Engineers since 2013.