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**OBJECTIVE**

To obtain a challenging position in Mechanical Engineering field that utilizes my background skills in Building, construction and maintenance of different mechanical sections with equipment selection and the installations. Exceptional knowledge of methods, principles, procedures, objectives, and standard practices of Mechanical field of Sub stations & power Plants including safety standards, engaging clients, preparing proposals.

**PROFILE****Professional Experience**

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**Mechanical Engineer**

January 2009 to present

**Saudi Electricity Company****Experience (Makkah & Taif Saudi)**

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- Installation of FPSP Fire Protective Signaling Panel FM-200 Portable Cylinders Fire Extinguishers in Sub Stations High Rise Buildings AS per the International Standards
- Overall Work as per PTS (Project Technical Standard) Saudi Electricity Company
- Knowledge of codes and standards such as ASHRAE, SMACNA, ASME, ASTM, NFPA
- Responsible as a Consultant for the , project execution works on site with focus on all mechanical engineering works HVAC, Plumbing and Fire Fighting components and systems
- FM-200 Testing & Commissioning Pneumatic & Flow Test
- Integrity Test room air tight test. with Liquid level Indicator Test all FM-200 Cylinders
- Fire Alarm Test with All Trouble shooting
- Inspection of EOT Crane with welding test as per International Standards
- Fire/Life Safety Alarm and Suppression System Gas Monitoring, Detection, and Alarm systems Structural Fire Protection Calculations
- Clean Agent Extinguishing, CO2 Systems Fire Heat, Smoke dampers
- SAS & SCADA Singling Interface with Main Panel
- To perform / review Cooling and Heating Load calculations and ventilation requirement, design drawings, HVAC control- and fire protection systems.
- FM-200 Flow Diagrams with Calculations
- Coordinate assigned engineering work & monitor work for compliance to applicable codes, accepted engineering practices. Co-ordination Contractor work Flow To review design of HVAC equipment including drawing, specifications/data sheets, material requisition and bills of quantities.
- Responsible for the all Installation of ventilation system requirement, design drawings, HVAC control- and fire protection systems.
- Participating in Client meetings and resolving engineering and management project issues.
- Monitoring all sites issues
- Ensure effective communication and coordination between all disciplines and all other project participants.
- Monitoring building systems and processes;
- Attending a range of project group and technical meetings;
- Ensuring that the design and maintenance of building systems meets legislative and health and safety requirements;
- Working on a variety of projects within a short period of time.
- Monitoring and mentioning problems of mechanical works during execution.
- Ensure that construction follow the good practices to avoid/eliminate re-works.
- To monitor the monthly, weekly and daily progress.