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sufian hassan

Automation & Control Engineer

Personal Skills

- Ability to handle complex problems and deliver quality results.
- Flexibility and ability to communicate effectively.
- Fast learner with Teamwork, as well as independently.
- Planning and Coordination.
- Good arithmetic skills, and numerical skills.



Courses :

- Occupational Safety and Health Administration OSHA
- Classic Control
- Sensors and Instrumentation
- PLC Siemens 200, LG, Mitsubishi
- HMI & SCADA
- PLC Advanced S7-300
- Siemens PLC Training / Online Course
- VFD (Variable Speed Drive)
- Electrical fault analysis
- Pneumatic and Hydraulics
- Learn Industrial Automation / Online Course
- Business Organizations Management
- English Communication skills / Online Course
- International Computer Driving License ICDL / Online Course
- Leadership and teamwork skills / Online Course



Language:

- Arabic (Mother Language)
- English (Intermediate / B2)

Referance:

Eng. Abdelwahab Ismail, Head of Instrument and control department in Sudanese Thermal Power Generating Company – Khartoum North Power Station (KNPS) .
Contact: +249123496704

Rehab Gafar Juma, Head of Engineering Department, University doctor and academic supervisor Gezira College of Technology.
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Objective :

I am an Automation & Control Engineer with experience in industrial equipment control systems in industrial stations. I am seeking an opportunity to grow up professional in my field by practising and applying my experiences, abilities, and skills inside a company by working to achieve the company's aims.



Education :

Electronic Engineering

Gezira College of Technology [01 Oct 2015 – 13 March 2021]

- Bachelor degree with (honour) in Electrical and Electronic Engineering. | geziracollege.edu.sd
- Second Class / Division One | Very Good
- Received the Excellence Award in the Engineering Technology Open Day, March 2022



Work Experience :

Sudanese Thermal Power Generating Co.Ltd

AUTOMATION & CONTROL ENGINEER

[29 July 2021 – 28 July 2022]

Key Responsibility:-

- Daily troubleshoot malfunctions and ensure they are completed and delivered on time.
- Installation, Testing, Calibration, and Maintenance of daily malfunctions of all devices Gauges, Switches, and Transmitters (" pressure, level, flow, diff, Temperature"). Valves (" auma, Pneumatic, Hydraulic"). Sensors (" Temperature, Vibrations, proximity ...etc."), motors, Cables.
- Ensure that installations and processes comply with required standards and general safety standards.
- Dealing with control systems used in industrial automation from PLC Installation, HMI, DCS & I/O Module, VFD Inverters and power supply.
- Implement the Integrated Management system for Quality, Environment, Health and safety systems in the Section and coordinate with other departments.



Technical Training :

Khartoum Refinery Co.Ltd [07 Aug 2022 – 18 Aug 2022]

INSTRUMENT & CONTROL ENGINEER

- Safety about Instrument field process for Oil and Gas Plant (Refineries).
- Instrument field devices (Sensors Temperature, Flow, Level, Pressure, Transmitter, P&ID diagrams and wiring diagram) knowledge & Skills.
- Automation System (DCS, HMI, & PLC) for different Application.

Weapon of Sign [25 Oct 2019 – 25 Nov 2019]

MAINTENANCE ENGINEER

Khartoum State Water Corporation [08 Oct 2018 – 18 Oct 2018]

OPERATION AND MAINTENANCE ENGINEER

- Operation and maintenance of equipment, generators and electric motors used in water stations. Work on designing manufacturing, construction and installation specifications for the mechanisms used in the water generation and distribution operations.



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