

Ibrahim Hassan

Mechanical engineer

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Location: Khartoum, Sudan



SUMMARY

Professionally qualified in mechanical engineering with 8+ years' experience including: mechanical engineering duties related to M&R activities including: fire fighting system, fire alarm, HVAC system, steam system, compressed air system, fly ash system, domestic and industrial waste water system, and engineering projects management field, appraisal and monitoring of equipment conditions and performance, to ensure that conditions matching the applicable quality standard.

I have key role in commissioning and testing of some projects related to Sudan Railways Corporation and modifying some auxiliary system in Sudanese thermal power generating company.

CAREER GOALS

I seek leadership experience in order to enhance my management skills and I look forwarding to widen my network through build new networks in my field, as well as I want get global experience, moreover join professional organization in engineering field to support and improve my technical knowledge in mechanical engineering.

EXPERIENCE

SRACO COMPANY-Kingdom of Saudi Arabia

Mechanical Engineer–New Najran General Hospital site-march 2021-November2021

- Managed & directed mechanical team to achieve FMS requirements at new najran general hospital.
- Spearheaded mechanical department according to the company policies and rules.
- Participated in accreditation of new najran general hospital from CBAHI (The Saudi central board for Accreditation of healthcare institutes) as mechanical department section head.

LIBYA OIL SUDAN- Khartoum, Sudan

Mechanical Engineer, Acting project engineer - Assets& operation Department December 2018 – November 2019

- Managed three service contractors of multiple fields with strict monitoring and observation.
- Participated in tendering, commissioning, testing for some of retail site equipment related to company work activities during one year.
- Evaluated 70% of assets of operation department across the country such as (submersible pumps, dispensers, tanks ,building).
- Reduced maintenance cost through optimizing the available resources.
- Prepared budget of maintenance and capital budget of proposed projects for a three year.
- Carried out monthly review and tracking for Capex and Opex during one year.
- Projects management including project scope development, reviews, approvals and participating in preparation of bidding documents, equipment selection, implementation, scheduling, commissioning and hand over.
- Maintained customer interface/communications relating to 80% of maintenance issues.
- Ensured continued functioning and performance of company assets at all Retail and I&W locations.
- Developed about 60% of preventive maintenance program and for equipment at Retail and I&W sites.

SUDANESE THERMAL POWER GENERATING CO. – Khartoum, Sudan

Mechanical Engineer-Garri4 power plant, Maintenance Department

July2016– December2018

- Led team of 20 members to perform daily multiple tasks and trace that all maintenance activities are comply with applicable standards, regulations, policies and procedures of the company.
- Decreased downtime and power consumption of some equipment by 20%.
- Participated in modifying of two auxiliary systems such as compressed air system and make up cooling tower water system.

- Conducted regular appraisals of 80% of department staff to achieve the best performance.
- Applied 100% of maintenance activities through computerized maintenance management system (cedar).
- Trained 20 technicians and students trainees regarding systems of our department.

SUDAN RAILWAYS CORP. – Khartoum, Sudan

Mechanical engineer-Locomotives & Rolling stock Directorate

October 2013 – July 2016

- Participated in commissioning and testing of three locomotives from China North Railways Company in Beijing, China.
- Contributed in updating of PPM check sheet of more than 90 locomotives and equipment concerning our department.
- Assigned to participation in overhauling of more than 20 components in locomotives systems.

EDUCATION

- **SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, Khartoum-Sudan**

Master Degree, Engineering Projects Management.

December 2019

- **SUDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, Khartoum-Sudan**

Bachelor of Engineering, Mechanical Engineering

October 2010

ADDITIONAL

Languages: Fluent in English, Arabic Native.

Certifications & Training:

- Training period in Petroneeds Services International Company Ltd
- Diploma in computer application (intr, and operation-Ms windows, Ms-word, Ms-exle, Ms-power point-troubleshooting)
- Auto Cad 2D&3D
- Lubrication technology
- Operation and maintenance of CKD8S electric transmission and CK2S hydraulic transmission locomotive.
- Occupational health and safety management & risk assessment and hazard identification
- Fire warden & Emergency Evacuation procedure
- Diesel generator maintenance and operation
- Electrostatic precipitator
- Material, manufacturing process and non-destructive testing
- Rotating equipment
- Vibration analysis
- PMP

SKILLS

- Public speaking
- Team work
- Negotiation
- Decision making
- IT(Excel, word, power point...)
- Management
- Emotional Intelligence
- Computer Aided Design(Autocad)
- Driving licence