

Ibrahim A. Adam

Transferable Iqama, PMP Certified, Single MS (Project®, Excel®, Word®, PowerPoint®)
English: Fluent, Arabic: Fluent

Professional Planning, Projects, Plant Maintenance Engineer, 18 yrs. Exp.
Member of Sudan Engineering Council
Birth: 1981



 Member (PMI, Sudan Engineering Council)

 Riyadh (KSA) / Khartoum (Sudan)

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 Profile

Planning, Projects Engineer, Plant Maintenance Engineer with +18 years' experience in Projects Planning, Power Plant Projects Construction & Maintenance

 Features

Easily to learn and assimilate state of art technologies & knowledge to serve the organization's objectives

Excellence ability to work as an individual & in teams as well as to operate in difficult environments & under pressure

Ability to utilize computer applications to ensure the best implementation of the work

High ability to work as a mechanical engineer in any related oriented industry

Ability to adapt to change in working environment & build networks with other departments in a cooperative manner

 Qualifications

BSc (Honors) In Mechanical Engineering
2nd class division II, University of Khartoum, Sudan, 2004

Registered Professional Engineer
Sudan Engineering Council, 2017

PMP Certificate
Project Management Institute, 2017

PMI-SC Scheduling Professional
Milestone Training Center, Sudan, 2018

PMI-PMP Project Management Professional
Milestone Training Center, Sudan, 2016

MS Project Professional
DUBAI Training Centre, Sudan, 2014

Hot Gas Path Inspection (HGPI)
EGCO Engineering & Service Co. Ltd., Thailand, 2014

Industrial Hydraulics Training
AGIAD Technical Training Center
Sudan, 2013

Infrared/Thermography Practical Implementation
SKF Remote Training, Sudan, 2013

Safety in Power Plant
Ministry of Electricity & Dams Training Center, Sudan, 2011

Alignment & Vibration
Korea Plant Service & Engineering (KPS), South Korea, 2009

Tools for Process Improvement
National Electricity Corporation (NEC) Um Haraz Training Center, Sudan, 2009

Power System Analysis
National Electricity Corporation (NEC) Um Haraz Training Center, Sudan, 2008

Systematic Maintenance Management
EGCO Engineering & Service Co. Ltd., Thailand, 2008

Electricity Generation
National Electricity Corporation (NEC) Um Haraz Training Center, Sudan, 2007

 Experiences

Aug 2018 up to now, Sudan
Sudanese Thermal Power Generating Co. Ltd.
Head of Mechanical Maintenance Unit

(Gas Turbine #6 Units Pratt & Whitney FT 8-1, 150 MW)

Responsibilities:

- Supervise a team of engineers & professional technicians to perform the daily work maintenance (CM & PM) while continuing to improve the processes
- Schedule & perform semi-annual and annual maintenance
- Plan & manage inventory of consumables & major spare parts
- Initiate & track purchase orders of spare parts from domestic & overseas suppliers
- Manage documentation & build up track records of the lessons learned

Apr 2016 - Aug 2018, Sudan

Sudanese Thermal Power Generating Co. Ltd.
Project Engineer (Gas Turbine #6 Units Pratt & Whitney FT 8-1, 150 MW)

Apr 2006 - Nov 2016, Sudan

Sudanese National Electricity Corporation
Maintenance Engineer (Garri Combined Cycle Power Plant, 420 MW, Gas Turbine GE Frame VI 5 units MS6581B & 3 units MS6551B)

Responsibilities:

- Corrective, preventive & planned maintenance for Gas & Steam turbines & auxiliaries
- Plan & execute routine maintenance for major static & rotating equipment in the power plant
- Schedule the orders of plant spares & set track stock level so as to avoid shortage of spares & increase plant availability
- Provision of technical guidelines to technicians in troubleshooting
- Assist in preparing budget proposals
- Troubleshoot, repair, & maintain HVAC chillers, condensate, dematerialized water, sewer, fuel oil & firefighting systems
- Perform for Frame VI Gas Turbine MS6581B & MS6551B:
 - Combustion Inspection (CI)
 - Hot Gas Path Inspection (HGPI)
 - Major Overall (MO)



Technical

- Codes (ICC, NFPA, API, ISO & ASHRAE)
- Fuel System (Fuel Tanks, Fuel Piping & Pumps)
- Domestic Water System (Water Tanks, Water Piping & Pumps)
- HVAC Chilled Water System (Chilled Water Piping & Pumps, Water Cooled Chiller, Cooling Tower, Air Handling Units, Fan Coil Units)
- Firefighting System (Water Sprinkler, Foam, CO₂, FM-200, Monitors, standpipe & hoses)
- Compressed Air, Washing Systems
- Oil Drainage System (Oil Interceptors, Oil Piping & Pumps)



Computer

MS Project®, MS Word®, MS Excel®, MS PowerPoint®, MS Outlook®, AutoCAD®, MS Windows®