

# Abbas Abdalguom

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## Summary

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- Profile: Male, 35, Married
  - Nationality: Sudan
  - Current Location: Sudan
  - Driving Licence: Issued in Sudan
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- Current Position: Turbine Units chief, Upper Utbra & Setit Hydro Power Station
  - Company: Sudanese Hydro Generation & Renewable Energy Company Ltd. (SHGREC)  
(Reporting to: Station Manager)
  - Notice period: Available immediately
  - NOC Requirement: None
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- Preferred Locations: All Middle East Countries
  - Salary Expectation: Not Specified/Negotiable
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## Work Experience

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Apr 2018 - Present

**SHGREC**

**Elshowak, gadaref, Sudan**

*Turbine Unit Chief*

Plan the maintenance work (corrective, preventive and improvements maintenance) that should be carried out on the turbine units by scheduling the tasks and mobilizing the manpower, tools, equipment and spare parts to remedy arise defects on the power generation units, auxiliaries and all related systems (firefighting, standby diesel generators, hydro-mechanical equipment's).

organizing and guiding the work team  
mobilizing the working area  
ordering the spare parts  
proposing solution for new problems  
contributing to keep the power station in good conditions  
proposed and made modification that improved the system and equipment s  
performance

Jan 2014 - Mar 2018

**SHGREC**

**Khashm-elgirb, kasala, Sudan**

*Mechanical Maintenance Department Manager*

Plan the maintenance work (corrective, preventive and improvements maintenance) that should be carried out on the turbine units by scheduling the tasks and mobilizing the manpower, tools, equipment and spare parts to remedy arise defects on the power generation units, auxiliaries and all related systems (firefighting, standby diesel generators, hydro-mechanical equipment's).

Improved the leakage water system of turbine by designing and manufacturing of a hydro ejector system that solved leakage problem on vertical Kaplan turbine at Khashm-Elgirb Hydro power station.

improved cooling system of vertical Kaplan turbine at Khashm-Elgirb Hydro power station by designing and manufacturing of additional water filter as by pass filter to work online on the cooling sysem.

work with VOITH company to replace the runner blades of vertical Kaplan turbine at Khashm-Elgirb Hydro power station from September2016 to October 2017, attended the factory tests of runner blades in Germany before the commencement of the work in Sudan in 2015

Feb 2011 - Dec 2013

**SHGC**

**Khashm-elgirb, kasla, Sudan**

*Operation Engineer*

operating the hydraulic turbines at Khashm-Elgirb HPS according to the available water and the required discharge of water that demand by the water directorate, monitoring generation units and working shifts to safely and effectively keep the units in operation.

quick response to any abnormality that could happen to the systems and correctly analysis the defects to report the problems to maintenance teams.

registering, analyzing and reporting the generation data to top management of the station

## Education

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Jan 2015 - Nov 2019

**Sudan University for science and technology**

**Khartoum, Sudan**

*Mechatronics Engineering, Master (MSc/MA), GPA 3/4*

## Other Certificates

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2019	Maintenance Planning and Work control	Training & Integrated Development Center (Um Haraz), Sudan
2019	KPIs Training course	Training & Integrated Development Center (Um Haraz), Sudan
2018	Kaizen Awareness & Yellow Belt	Experts center for Training & human resources development, Sudan
2017	Reference Letter from Voith	Voith Company, Sudan
2015	Non Destructive Testing (NDT Level 2 completion certificate), (PT, MT, UT, RT, VT)	INTEC TRAINING & CERTIFICATION, Malaysia
2014	Non Destructive Testing (NDT Level 2), (PT, MT, UT, RT, VT)	Cairo engineering center, Egypt
2013	Power System Protection	Ompoma for advanced business LTD, Sudan
2012	Introduction to NDT	Training & Integrated Development Center (Um Haraz), Sudan
2012	Training Course on Rural electrification with small hydro power	Alternate Hydro Energy Centre, Indian Institute of Technology,, India
2012	Continual Improvement Tools	Total Quality Center (Sudan University), Sudan

## IT Skills

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### **Windows & Office tools**

- Word,Excel,internet      Advanced

### **Non-web programming languages**

- Auto-cad      Intermediate
- Solidworks      Advanced

## **Languages**

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- Arabic      Native
- English      Fluent

## **Comments**

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I have so glad to have a chance in GCC countries to bild my ability in mechanical engineering and contribute to developing and upgrading the company which I work with.