

Mechanical / Piping Engineer

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Personal information:

- Nationality: Sudan
- Date/place of birth: 01 Jan 1988/Sudan
- Marital status: single
- Years of experience: 5 years
- Language known: Arabic / English
- Visa status: visit visa (exp 22 Dec 2014)

Carrier objective:

Seeking to join a progressive organization that has the need for **mechanical / piping engineer** with focus of drawings, calculation, stress analysis and Installation, commissioning and construction where my knowledge, creativity and personal skills can be employed and developed, and to be productive part of the organization in which I work for.

Carrier profile:

5 Years of Experience in Oil & Gas as a Mechanical engineer worked in areas of steel fabrication, erection and testing of piping. Well Experience in piping related drawings like isometric, P&ID, plot Plan. Ability to read mechanical drawings. Familiar with codes and standards like ASME standards .Expert in PDMS and piping stress analysis using Caesar II.

Education:

Qualification	Designation	University/Institute	Year
Certificate	IOSH	Bright on ,Sudan	2014
Diploma	Pipe stress analysis using Caesar II	Institute of piping Engineering & building service	2014
BSc	Mechanical engineering	Sudan university of science and technology	2009

Professional Exp:

Organization name/address	Petro-Energy E & P – Khartoum ,Sudan (www.petroenergy-ep.com)  Petro Energy E&P OIL & GAS OPERATING COMPANY
Type of business / sector	an oil & gas operating company with main objective is to explore, develop, and produce oil & gas in block 6 – Sudan

Position	Mechanical Engineer
Duration	Oct 2012 up to date
Responsibility	maintain and overhauling of mechanical equipment such as drive head (PCP,PCM), pumps, valves compressors...etc ,maintaining engine CAT3606 connecting with compressor, supervise sub-contractors for tanks and heat exchangers maintenance , supervise welders for pipeline welding , supply materials for release line , connecting release lines using threaded fittings
Organization name/address	Asawer Oil & Gas -Khartoum ,Sudan (www.asaweroil.com) 
Type of business / sector	Asawer Oil & Gas (ASOG) is an integrated Engineering, Procurement, Construction & Commissioning (EPCC) company, adopting the international standards for Oil, Gas ,Petrochemicals & Infrastructure fields
Position	Site engineer - Mechanical and piping engineer
Duration	Jun 2011 → Oct 2012
Project name	KEYI FPF Early production facilities (EPF)
Responsibility	Responsible for erection, Installation, testing, Commissioning of piping and mechanical equipment, prepare as built drawing. Coordination of technical activities on assigned projects. Prepare Contractor's design, engineering documents and drawings of mechanical and piping systems, Assist and supervise welders and fitters during piping assembly and fabrication, follow-up and verify that the installation of mechanical systems are in accordance with engineering drawings and specifications. Also supervise fabrication of steel structure, prepare MTO for steel structure. Supervise blasting and painting for pipes and steels.
Organization name/address	Ministry of Petroluem Sudan – Khartoum, Sudan (www.spc.sd) 
Type of business / sector	oil exploration and production authority to follow up all production and development of oil and gas fields
Position	Mechanical engineer
Duration	Dec 2009 → Nov 2010
Responsibility	Review the completion of well head, flow lines and facilities, worked with mechanical and instrumentation maintenance teams to maintain mechanical equipment

Technical skills:

- Creation/checking of piping isometric with respects of piping layout & P&ID.
- Creating MTO from PID, piping layout and isometric.
- Making as built drawing for systems.
- Piping fabrication.
- Supervise piping erection and testing.
- Calculate HVAC load calculation using elite software

Software skills:

- Caesar II (static analysis).
- PDMS (piping/equipment/structure).
- AutoCAD.
- Primavera P6.
- MS-office.

Courses:

- Proficiency in plant design management system
- HSE training (basic safety awareness / basic fire fighting / basic first Aid)
- Primavera P6 project management
- HVAC cooling load estimation