

MUHAMMAD EHSAN KHAN

Mobile: +92 312 5092091 (PK) / 00971 56 3783951 (UAE)

Skype: AHSANKHAN244

E-mail: MAHSAN.FAST@GMAIL.COM

OBJECTIVE:

- Looking for the position of Oil Rig Electrician in a company where previous offshore and onshore experience is required.
- I hope this will fully utilize my academic background, and further develop my technical skills.

WORK EXPERIENCE:

(2010 - Present) Working as Rig Electrician in Onshore and Offshore rigs **(ADNOC DRILLING AUH).**

Rig Specifications ND 67(Current):

Draw Works AKER WIRTH (MH WIRTH): GH 3300 HP, 2 Gear, with rated capacity 37000 ft 5.7/8" DP @ 14 lines

Top Drive AKER WIRTH (AKER DDM-1000-AC-2M): Drilling speed 0-220 RPM with drilling torque continuous 66000 ft-lbs at 175 RPM

Mud Pumps AKER WIRTH (MH WIRTH): 2200HP having 14" stroke length and 120 SPM with liner sizes: 5", 6", 7", 7-1/2".

JOB DOTS:

- Maintenance and operation of (Ross hill, IDM, IPS, General electric, Hill graham, Baylor, Bo may) SCR electrical systems.
- Maintenance and operation of (ABB, Siemens) VFD systems.
- Maintenance and operation of AC machines (induction motors, synchronous generators), and DC motors (series, shunt).
- Maintenance and operation of instrumentation (B.C.S, mud watch, Rig sense)
- Maintenance and operation of Top drive control (AKER DDM-1000-AC-2M, BENTEC TD500HT, Varco IDS-4A)
- Worked in (NOV, Cooper, Bomco and HH) rigs and made commissioning for new rigs in Abu Dhabi.
- Accurately diagnose all malfunctioning apparatus and equipment
- Carry out the task of installing and connecting power supply appliances, regulators and switches
- Responsible for installing equipment such as rotating machinery, lightings, and motors
- Responsible for diagnosing and repairing of faulty electronic components
- Work closely with maintenance manager and rig superintendents.
- Ensure that all daily reports and paperwork are completed and delivered on time
- Execute maintenance program for rig and camp electrical equipment and instrumentation as planned

- Inspect equipment before and after use, including after rig moves and rig-up
- Responsible for executing certification, maintenance, record-keeping, and reporting as planned
- Maintain all needed documentation, records, and certification of electrical equipment on the rig and campsite, and provide correct and speedy reports on the use of the equipment
- Perform maintenance and update of all electrical drawings and wiring diagrams
- Ensure that lock-out and tag-out procedures are totally followed at the rig and camp.
- Very familiar with techniques that govern the basic offshore safety induction and emergency training (BOSIET)

EDUCATIONAL REF.:

- BE of Electrical Engineering in June 2010, Fast University Islamabad.
- Graduation Final Year Project Title (Design of a working prototype of a Pulse Doppler Radar System at operating frequency of **3 GHz**)
- Project grade "Excellent 'A'".

TRAINING COURSES:

- VFD (ABB Training center)
- PLC (NDC Training center)
- CAT 3500 Electronic Engine Diagnostic (Al Bahar Company, Sharjah, UAE)
- BOSIET (Basic Offshore Safety Induction & Emergency Training)
- Generators (EDC Training center)
- Communication skills (NDC Training center)
- Advanced safety management (NDC Training center)
- General safety & H2S live (EDC Training center)
- Advanced firefighting (EDC Training center & ETSDC in UAE)
- Advanced first aid (EDC Training center & ETSDC in UAE)
- TOEIC (Done in AMIDEAST Center ABU DHABI)

TECHNOLOGIES:

ADS, Matlab, Verilog, C++, PsPice, AutoCAD, HTML, Micro strip and Microwave Trainer, Python scripting Language, Gnu-Radio, USRP, Java, Php, MS Office, Adobe Photoshop, Coral Draw

AWARDS / HONOURS:

Received certificate of 2nd position for participation in competition of line follower Robot, IEEE OLYMPIAD 2009 GIKI

Received certificate of vice coordinator of Robotics competition in Nescon Fast

Placed on ROLL OF HONOR in School for standing first position in Matriculation examination

Obtained District level merit scholarship award on the basis of Matriculation and Intermediate marks.