

Mohsin kamal

(Biomedical Engineer)

UAE Cell #: 00971508487197



Visa Status: Employment visa

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EID No: 784-1990-0436526-0

UAE & KSA Driving Licence

Date of Brith: 05/03/1990

Present Address: 1) Airport Road Near Al Wahda Mall, Bus Station Abu Dhabi,UAE
:2) Quartz Building Corniche, Jeddah, KSA

PROFESSIONAL WORK EXPERIENCE:

May 2019- Up to Date: Commissioning and Biomedical Engineer at United Eastern Medical Services (HealthPlus IVF & Danat Al Emirates Hospital), UAE and KSA.



Feb 2017- March 2019: Biomedical Engineer/Facility Coordinator at Beverly Hills Medical Center ONE DAY SURGERY (JCIA) Abu Dhabi, UAE.

Main Responsibilities:



- Extensive knowledge of Biomedical Engineering, Audit Experience of **JCIA, DoH/HAAD, FANR, OSHAD and EHSMS** regulations and compliance requirements.
- Implementation of Biomedical (FMS) Policies in Healthcare Field to ensure Patients Safety. Implemented SOP for Biomedical Dept. according to the JCI standards, Local Regulatory Authorities and Maintained the system.
- Inventory Management, Equipment traceability and preparing quality management with Technical Documentation for all Medical Equipment within hospital.
- Maintenance, Services, Daily Rounds, Calibration and Troubleshooting of Medical, Dental, Derma, Aesthetic Equipment and Medical Gas System.
- Performing Planned Preventive Maintenance (PPM) and Electrical Safety Test (EST) to prolong medical equipment life.
- Ensuring compliance to quality standards and maintaining all quality control documents.
- Quality Assurance checking of Radiation equipment as per FANR regulation.

- Providing application training to the clinical users and physicians and all supportive staff. Support End Users for technical Assistance and arranging Orientation for new staff.
- PPM Schedule planning with service engineers and outsource calibration for all devices.
- Coordination with engineers of services provider companies for services according to service contracts.
- Repairing, calibrating and inspecting medical equipment include life support equipment.
- Working closely on the principles of Biomedical Bench-marking practiced by AAMI, ECRI and other biomedical organizations.
- Experience in purchase planning, cost determination, purchase of medical equipment's & materials.
- Manage the overall facility services provided within the hospital.
- Manage all outsource services of the hospital by performing repairs or contracting maintenance services i-e Electrical supply, Water supply, A/Cs, Painting and All civil work

Sep 2013-Nov 2016: **Biomedical Service Engineer** at Globe Group of Companies
(HealthCare Equipment Supplier) Pakistan, KP, Peshawar Office.

Main Responsibilities:



- Installation, Demonstration, Inspection, Calibration, Adjustment, Services and commissioning of different Electro-Medical equipment, i-e **X-Ray Machines General, Mobile and Dentals X-Rays** (Eco-Ray 500mAs&300mAs,Carestream,Suzy),**C-Arm, Panoramic, Ventilators and Anesthesia** (Shangrila 590, OriCare V8800,Aeon7400A and 7700A), **Ultrasound ,Endoscopy ECG,EEG, Patient Monitors, ICU Centralized Monitoring System, Blood Banks CTG, Electro Surgical Machines, Infant Warmers, Baby Incubators, OT Lights, AUTO-REFRACTOMETER ,SLIT LAMP, Oxygen Concentrators, Centrifuge, Auto Clave, washers etc.**
- Responsible for performing preventive & corrective maintenance for medical equipment's installed in OT, ICU, CCU, Laboratory & all other general equipment's in the hospital. Perform and Schedule Preventive Maintenance, Repairs and Calibrate using precise tools and in accordance with the manufacturer's procedures to ensure the accuracy of test results.
- Demonstrate/explain the operation of equipment to the end-user in order to be aware of the correct usage. Provide training to nursing staffs on proper handling medical equipment's installed in hospital.
- Maintain up-to-date records, write reports on designated equipment, and coordinate with Co-Service Engineers on Warranty/ external repair.

Skills:

- Installation of Electro medical/ Electronics equipment.
- Instrument Demonstration, Hardware and Software Configuration.
- Evaluate the safety, efficiency, and effectiveness of biomedical equipment.
- Monitoring and Service Orientation.
- Maintenance and Upgradation of Instruments.

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- Troubleshooting, Fault Analysis and Problem Solving
 - Computer Skills, Internet MS Office (MS word, MS Excel, MS Power Point)

Honors/Awards:

- OSHA Implementation for Health and Safety Training Certificate.
- Awarded a Laptop in a Naway Sahar Merit Laptop Scheme from KP Government.
- Certificate of Participation in 2nd Annual Electronics Projects Exhibition 2013, Held at Electronics Wing Institute of Physics and Electronics University of Peshawar.
- Certificate of Participation in a Science & Technology Exhibition 2013, Held at Comsats Institute Of Information Technology Abbottabad, KP.

EDUCATION:

2009-2013 BS-4 Year (Electronics)

CGPA 3.12/4

Institute of Physics and Electronics

University Of Peshawar-Pakistan

Final Project: "Arduino UNO (Atmega328)/micro-controller and GSM (SIM 900D) Based Intelligent Security System".

2007-2009 F.Sc (Pre-Engineering)

1st Division

FG Inter College for boy's Mardan Cantt.

Board of Intermediate & Secondary Education Mardan, Pakistan.

2006-2007 SSC (Science)

1st division

Dargai Excellence Public high school Mangah Charsadda

Board of Intermediate & Secondary Education Peshawar, Pakistan.

Short Course:

- **MS Office (Automation Certificate)** Frontier Computer College Mardan. (FCC).
- **CT (Teaching Certificate)** 1st Division Alama Iqbal Open University (AIOU).

Major Subjects:

1. Modern Analog and Digital Communication
2. Micro Processor and Micro Controller programming and interfacing
3. Control system Engineering
4. Computer Language (C++) and Networking
5. Studied of laser and fiber optics
6. Digital and Analog Electronics
7. Applied Mathematics
8. Digital signal processing (DSP)
9. Microwave Communication
10. Industrial Electronics

References:

To be furnished upon request.