



FAISAL IRSHAD AWAN

AIRCRAFT ARRESTING SYSTEMS SPECIALIST / AEROSPACE GROUND SUPPORT EQUIPMENT / AUTOMOTIVE & CONSTRUCTION EQUIPMENT

CONTACT

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Wah Cantt Rawalpindi ,Pakistan

SKILLS

- Mentorship
- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- Creative problem-solving and innovative solutions
- Risk Management
- Incident Investigator

SOFT SKILLS

- Microsoft Word
- Microsoft Excel
- Power Point

LANGUAGES

- English (Fluent)
- Urdu (Fluent)
- Punjabi (Fluent)

COUNTRIES VISITED

- Saudi Arabia - 2012 For Hajj
- USA - 2017 For Training at ESCO
- Nigeria - 2022 For AAS Installation

EDUCATION

- Secondary School Certificate- 2000
- Diploma in Automobile & Diesel Technology - 2004



PROFILE

Disciplined Multi-Craft Maintenance Manager with experience in Aircraft arresting systems, Aerospace ground equipment, Automotive and Construction machinery. Proven track record of successful project management, team leadership, and problem-solving. Seeking a challenging role that utilizes my technical expertise and Managerial skills.



WORK EXPERIENCE

ESCO ZODIAC (USA) Certified MRO Facility For Aircraft 2018-2025 Arresting Barriers,PAF

Manager

- Overhauling / Commissioning / Removal / Installation / Training / Troubleshooting / Pre & Post engagement Procedures / Demand & Logistic Procedures / Technical Documentation & Records / Certifications etc.

(1)- BAK-12 Moduler & Bak-14 :- (ESCO, Atech)

[Energy absorber with 8 rotor & 12 rotor bliss brakes, 61 QSII Modular (Quick Erect Stanchions)Systems , 62 Ni (Net Interconnect System) , Shear-off couplings , Hydraulic cylinders , Nitrogen accumulators , Utility hydraulic pumps , Net connectors , Deflector sheaves , Fairlead tube anchor , 4-way & 2-way directional valves , Net anchoring plates , Foundations , Runway edge sheaves , Fairlead tubes and couplings , HP-30 Multi element arresting Nets , Pendant cables , Retractable cable support system , Stanchion Mast poles , Site control assemblies , Schematic diagrams , Purchase tap (Strap webbing)]

(2) - P-6 Braking Systems :- (BEFAB Safe-land & SCAMA AB)

[P-6 Inner & Outer braking units , Stanchions type MK-4 , HP-24 multi element arresting Nets , Shear-off couplings , Manual & Electrical brake cable re-winders , Net connectors , Net anchoring Discs]

(3) - Water Twisters-WT44 Series :- (ESCO & All American Engineering)

[Energy absorbers , Pressure rollers , Runway edge sheaves , Pendant cables , Retrieve systems]

(4) - MAAS (P-IV) :- (ESCO)

[Energy absorbers , MRES system , Trailer elevation and lowering system , Semi-permanent & permanent installation , Runway edge sheaves , Trailer stanchion system , trailer's arresting net , Trailer's site control assemblies , Trailer's 61 Quick erect stanchion systems , Trailer's installation hardware & accessories , HPU (Hydraulic power units) , Tape and cable connectors , Pendant cables and supporting discs , Schematic diagrams]

(5) - Textile Braking System :-

[Woven textile tearing straps , Tensioned cable]

TECHNICAL COURSES

- Intermediate "I" Level Course for Aerospace Ground Equipment Maintenance & Operation
- Aircraft Arresting Barriers Overhauling
- Bak12 Aircraft Arresting Barriers Maintenance & Operation (**ESCO USA**)
- Aircraft Push-Back tractor Maintenance
- Air-Defence Power Generators operation & Maintenance
- Mobile Radars Hydraulic System Maintenance
- Site Control Assemblies
- Light Truck Driving
- Skill Enhancement Program Supervisor
- Mechanical Transport Driving Simulation
- Project Management in Practice - Planning, Scheduling and Resource Management (**Alison**)
- EHS Guidelines - Environment, Health and Safety (**Alison**)
- ISO-9001-2015-Quality Management System (QMS) (**Alison**)

FORGION CERTIFICATION

- Bak12 Moduler Aircraft Arresting system Maintenance & Operation , 2017 (**ESCO , Aston PA USA**)
- Certificate of BEFAB Arresting System Installation at Nigeria ,2022

PROJECTS

- Installation of P-6 Aircraft Arresting systems at Nigerian Air Force Base Makurdi.
- Supervision On Establishment Of New Concrete Foundation's As per (OEM) Given Drawings For Aircraft Arresting Systems
- **Removal / Installation / Commissioning of Various Aircraft Arresting Barrier's**
- Scheduled Overhaul of Aircraft Arresting Barriers at depot as :-
-30 BAK12 Aircraft Arresting Gears with 61QSII and Stanchions (Old and Modular Variants)
- 11 Water Twister's (Old and Modular Variants)
- 6 Port Arrest-IV (Old and Modular Variants)
- 52 BEFAB Barriers, including Safe land and SCAMA AB

Field Maintenance ,Operational Station ,PAF

2013-2018

Lead Technician

- Operation / Maintenance / Installation of Aerospace Ground Equipment :-
 - (a) Aircraft arresting systems :-
 - (i) Bak-12 Modulers / Bak-14 [ESCO - SCAMA - A-Tech]
 - (ii) WT-44 Moduler Water Twister [ESCO , All American Engineering]
 - (iii) P-6 Brakes [BEFAB ,Safeland - SCAMA]
 - (iv) P-IV (MAAS) [ESCO]
 - (b) High pressures compressors upto 4000 psi [Alpine - Nextek]
 - (c) Hydraulic test stands (HTS) [Hycopm - Nextek]
 - (d) Oxygen , Nitrogen and Pneumatic charging trollys [Swana - USA]
 - (e) Power generators 5-100 KVA [Millat - Perkins - Caterpillar]
 - (f) Ground power units 60-90 KVA [Hobart - Nextek]
 - (g) AC Load banks [Hobart]
 - (h) Low pressure compressors
 - (j) Mobile Air-Conditioning trucks
 - (k) Diesel Emergency mobile flood lights
 - (l) Mobile workshops
 - (m) Tripod hydraulic Jacks
 - (n) Aircraft push back tractors [Timson , Clark , Eagle,Fresia]
 - (p) Electro-hydraulic two post lifting jacks
 - (q) Electro-hydraulic road blockers etc.

Depot Level Maintenance ,PAF

2007- 2013

Lead Technician

- Operation / Maintenance & overhauling of Aerospace Ground Equipment & Special Equipment :-
 - (a) Power Generators (5-250 KVA) Caterpillar , Siemens , Mercedes, Newman , Skoda , Millat , F.G Wilson etc.
 - (b) Ground Power Units (60-90 KVA) Hobart , Nextek
 - (c) High pressure compressors (Alpine , Nextek) 3500 psi
 - (d) Terex Crane RT-600 Series
 - (e) Brake Lathe Machine for Brake rotors and brake drums
 - (f) Robin-air Air-conditioning Machine
 - (g) Automotive Refrigerant leak tester
 - (h) Spark plug cleaner & Tester
 - (j) Diesel & Gasoline compression test kits
 - (k) Zenith Automotive scanning tool
 - (l) Battery heath tester and ayalizer
 - (m) Two post lifting hydraulic jacks
 - (n) Dump Trucks, Excavators , Graders , Backhoes , Dozers etc.
 - (p) Fork-Lifters & Bomb-Lifters etc.

Field Maintenance , Air Defence PAF

2004-2007

Technician

- Operation / Maintenance of Ground Support Equipment / off Road & On Road Automotive :-
 - (a) Power Generators (5-250 KVA) Caterpillar , Siemens , Mercedes , Newman Skoda , Millat , F.G Wilson etc.
 - (b) Air conditioning & Chillier Plants (Daken , Hitachi).
 - (c) Hydraulic system of Radar units.
 - (d) Diesel & Gasoline automotive (Toyota , Hyundai , Honda , Isuzu , Suzuki etc)

Apprenticeship ,PAF

2001- 2004

- Pursued an associate degree in Automobile and Diesel Technology & Aerospace Ground Support Equipment.
- Academic sessions with On-the-job training.
- Level "5" & "7" providing both theoretical knowledge and practical experience.