



# IKRAM ULLAH

TECHNOLOGIST/ MECHANICAL / NDT / QUALITY

+9203219369439, +9203339369439 (WhatsApp)

Ikramkhattak886@gmail.com

PO Ahmad Abad Distt Karak KPK Pakistan

D.O.B. 15-04-1981

## SUMMARY:

Dedicated and detail-oriented Mechanical Technologist with 24 years of experience in aerospace organization (Pakistan Air force) including management and administration, official drafting and correspondence, Supervision of maintenance and inspection activities, lecture delivering and demonstration, Quality Control and Quality Assurance, Non Destructive Testing (NDT) etc. Employs excellent leadership skills and multi-tasking strengths. Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues. Adept at interpreting complex technical terminologies, working with others, and meeting production deadlines. Skilled at quickly learning new processes, technologies, and machinery. Self-motivated with strong organisational and time management abilities.

## SKILLS:

- Commitment and Integrity.
- Discipline and Punctuality.
- Specialist in safety rules and operations.
- Ability to take direction and work independently.
- Multi Tasking, Observation, Decision Making.
- Business development Communication.
- Sticky to Organizational rules and regulations.
- Result Oriented and Project base abilities.
- Resistance to stress.
- Good manners.

## EDUCATION:

- Diploma of Associate Engineer (Mechanical Technology) (Pakistan Air Force).
- Bachelor of Technology **B.Tech** (Hons.) (Mechanical Technology) (2011-2015).

## CERTIFICATIONS:

- Military Leadership & Command Course (Pakistan Air Force).
- Quality Control (**QC**) Course (Pakistan Air Force).
- **NDT** (Non Destructive Testing) Courses from **NCNDT** (National Centre for Non destructive Testing) ,PAEC (Pakistan Atomic Energy Commision), Islamabad.
- **Level 3** Basic Refereshar Course.
- **Level-2** ET (Eddy Current Testing) Course, **Level-2** RT (Radiographic Testing) Course.
- Level-1 UT (Ultrasonic Testing), MT (Magnetic Testing), PT (Penetrant Testing) Course.
- **ASNT** (American Society for Non Destructive Testing) **Level-2** UT (Ultrasonic Testing), **Level-2** MT (Magnetic Testing), **Level-2** RT (Radiographic Testing) Course.
- Basic NDT Course (Pakistan Air Force).
- Participant Certificate in Olympus Advance NDT Symposium.
- Maintenance Resource Management Course.
- Maintenance Supervisory Course.

## **EXPERIENCE:**

❖ **From Jan, 2019 to Mar, 2023 (Ex. Junior Commissioned Officer (PAF))**

- Management of **Technical Support Sector** of No 102 Air Engineering Depot (PAF) which includes:-
- **NDT Centre** including supervision and monitoring of **NDT** (RT, UT, ET, MT, PT & VT) of aircrafts i.e. (F-7, F-7PG, JF-17 , WP-13, WP 7BIV, (Chinese System), T-37, C-130 (American System), MI-17 Heli, RD-93 Engine (Russian System), SAAB aircraft (Swedish System), Mirage aircraft (French System), Engine parts and accessories, Ground support equipment (Engine Dolly, Aircraft dolly, Test bed Parts, Fuel Tanks, Bolts, Gears, etc) parts. Co-ordination & Working with Chinese Expert team regarding NDT of Overhaul of RD-93 engine Parts (Russian System).
- **Welding Shop** including monitoring of welding of Parts of Engines, Alt-III Heli, MI 171 Heli, and ground Support parts by utilizing Argon Gas Welding, Seam Welding machines etc
- **Machine Shop** including monitoring of machining of all engine Parts by using Lathe, milling, Drilling, Boring Machines, Surface Grinder etc.
- **Polishing Shop** including monitoring of Polishing of Engine Parts (Compressor Blades, Turbine blades etc) by utilizing different Polishing Machines.
- **Heat Treatment Shop** including monitoring of Heat Treatment Process of Specific engine Parts for De Carbonizing, De Greasing, Paint Baking etc by using different High Temperature Furnaces and oven.
- **Calibration Shop** including monitoring of calibration of PMEs (Filler Gauge, Pressure Gauge, Micrometer, Torque Wrench, Special Tools/ Fixture etc) by utilizing different Calibration Testers/ Machines.
- **Plasma Shop** including monitoring of Coating of plasma on parts such as Rear Casing, Jet Nozzle, Turbine Nozzle etc by utilizing special Plasma machines (7MC & 9MC System), Spray Booth, Blasting Machines etc.
- **Cleaning Bay Shop** including monitoring of Cleaning of Parts such as Landing Gear, Stator Casing, Compressor Blades etc by utilizing Sand blasting Machines, Shot Peening machines, Chemical Cleaning, Tumbling Machines etc.
- **Paint Bay Shop** including monitoring of painting & De painting of different aircraft and Engine Parts by using Spray Booth, Paint Mixture, LP Compressor etc.
- Resolving issues regarding Quality Control (**QC**), Quality Assurance (**QA**) and safety related activities of the whole Sector.
- Management of Procurement of different equipments and accessories through Log actions, Manning Control, Production Control etc of the Sector.
- Official Correspondence such as letter writing, Part Case preparation, Data Compilation and Presentation to other PAF Units and Air Headquarters through electronic PAF Mail system and Electronic Courier system etc.

❖ **From Mar, 2006 to Jan, 2019 (NDT & QC Inspector/ Supervisor/ Instructor)**

- **NDT** (RT, UT, ET, MT, PT & VT) inspection and Supervision of different aircrafts i.e. K-8 aircraft (Chinese System) and its Engine (Honeywell TurboFan) Parts , T-37 and its Engine (J-69) (American System) Parts , SMK and its Engine (Lycoming Piston) Parts, Aluette III heli (French System) and its parts and Ground support equipment Parts etc
- Monitoring and Quality Control (**QC**) inspection of all technical activities of the NDT workshop.
- Supervision of NDT inspections, micromanagement of NDT lab i.e. Procurement of NDT materials, Logistics actions Production etc
- Office work such as drafting official correspondence, MS word usage, data formulating through excel, Power point presentation, email, internet, e courier and so on.
- Defect Trend Analysis of different aircrafts.
- Petroleum Quality Control of Jet Fuel and its Tanks used in aircrafts.
- Maintenance of F-16 aircraft and its assemblies. (2001-2006)

### **COMMENDATIONS:**

- Officer Commanding Depot Commendation Certificate (May, 2022)
- Air Officer Commanding Shaabaash Certificate (Mar, 2018)
- Air Officer Commanding Commendation Certificate (Oct, 2010)

### **LANGUAGE:**

- English
- Urdu
- Pashto, Punjabi and Knowhow of Arabic Language.

### **HOBBIES**

- Books/ News Reading
- Sleeping
- Internet Surfing