

# ATIF RAZA

## Mechanical supervisor

"A Dream won't become reality because of magic, It takes sweat, determination, and hard work to make a dream come true."



### JOB OBJECTIVE

A goal oriented professional with strong skills in the electricity generation plant who has a solid background in Mechanical Technician, seeking a suitable position with a company that rewards hard work, commitment and loyalty, Where I can apply my existing skills, experience and also further my personal and professional development

### WORK EXPERIENCE

#### RESPONSIBILITIES

##### Safety:

- Perform all maintenance task in accordance with the OH&S regulation, Environmental rules and regulation and internal policies.
- Ensure that any relevant permit, hazard assessment, LOTO and isolation form properly prepared before starting the work.
- Inspect install, repair, replace, adjust all mechanical equipment in the plant.

##### Mechanical:

- Determine the best way of making repairs, installation and inspection work to be done.
- Assemble or align gears, bearing, and shafts, involving press, sliding and running fits, align pumps, motors turbines and gear reducers.
- Responsible for performing assigned maintenance work on large and small producing units.
- Conveyor and roller removal, installation and alignment.
- Fan and blower's removal installation and alignment with motors.
- Hydraulic system O- rings replacement oil replacements according to OEM.
- Air Compressor servicing. Replacement of filter elements compressor impeller, alignment.
- Preventing and corrective maintenance of turbine, boilers, FGD, ball mill, water treatment plant, Vacuum plant.

##### Lifting:

- Lifting of equipment during removal and installation.
- Have knowledge of lifting gears. (D shackles, eyebolt, chain blocks, camlon, lifting belts, wire slings)

### CONTACTS

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### **12 Years WORK EXPERIENCE**

LTV Driving License No:  
04003805718048

Passport No: MC9892642

### EDUCATIONAL QUALIFICATIONS

- MCS (Master in computer Science) COMSATS institute of information Technology
- B.A (Bachelor in Arts) University of Sargodha, Sargodha Campus
- Associate Aeronautical Engineering. School of Aeronautics, Karachi (Pakistan air force)
- SSC Exam (Science Group) Govt. Model High School No 1 Sargodha

### Certificates:

- Combustion turbine power plant (Florida)
- Control valves (Alison)

# ATIF RAZA

- Diesel engine cycle, maintenance and control.
- Work at height.
- Health Safety induction.
- Health provider BLS (AED)
- Crane OPP (bureau VERITAS)
- Fork lift OPP (bureau VERITAS)

## Auxiliary of steam turbine

- Overhauling of lube oil unit Alstom steam turbine.
- Overhauling of seal oil unit.
- Overhauling of jacking pumps.
- Hydro test of vertical and generator coolers.
- Overhauling of oil separator unit.

## PUMPS

Gear type, Centrifugal, Screw Slurry, plunger.

## BOILER:

- FD fan, ID fan, GR fan
- Furnace, burners
- RAH, SCAH, ESP, ECO
- Soot blower

## FGD:

Spray nozzle, slurry pumps, valves, soot blower.

## Waste water treatment:

- Conveyor belt, rollers, pumps, vacuum drum, vacuum belt, compressor

## INDUSTRIAL GAS TURBINE:

As a team (GE, ABB)

- Removal and installation of casing, rotor, cans, TP, decoupling, diffuser, bolting and unbolting.
- Atomizing air compressor, lube oil pumps, fuel oil pumps, divider.

## Precision Measuring Equipment:

- Handling the precision tools are Vernier calliper, Micrometres (Inside, Outside and Depth), Bore gauges, Dial gauges and Torque wrenches etc.

## Overhauling, inspection and alignment of gas turbine:

- Working as Turbine Mechanical technician on GE Gas Turbine Power Plants.  
Maintenance/overhauling activities Compressor section, combustion section, Hot gas path section and exhaust section. (Complete dis-assembly, assembly measurements inspections alignment, parts replacements and reassembly of turbine enclosures casings, IGVs, 1st /2nd /3rd stages Buckets, Shrouds, Bearings, Seals. Check alignments after and before opening and closing.
- Maintenance of accessories and liquid fuel and gas skid.
- With hands on field experience in Maintenance/Overhauling of Gas/JET Turbines (CI/HGPI/MI) Outages. Worked on Atomizing air compressor, 3way fuel injection valve Gear pumps.
- Carryout the day today maintenance on static equipment like valves, fuel ejectors, filters etc.

## PAKISTAN AIR FORCE AS A AIR CRAFT GAS TURBINE

### MECHANICAL Technician (2009 to 2016) Turbines (snecma)

#### Job Description:

- Different solenoid valves troubleshooting, Root Causing Problems, 7 years' Experience on Turbine engine, Aviation safety, Technical documentation and reporting, Proficient in MS office programs, Different Tools and technologies of Mechanical field. Isolate system failure to possible root cause. High competence and expertise associated with the Turbine management, maintenance, inspection, and instruction.

#### Worked in Plant shutdown KSA

- Marafiq power plant
- Saudi cement
- Aramco khurais expansion project
- Uthmania gas PP
- SWCC desalination plant
- Tihama PP
- Shoiaba SEC, 2
- Jeddah South Thermal Power Plant
- O&M PP8,11,12 Dhurma
- Petro Rabigh NOMAC