

# Fauji Fertilizer Bin Qasim Ltd Inspection Technician AE-II Job

Apply at:

<https://careers.ffbl.com/apply/>

The ideal candidate should have:

Done DAE (Mechanical)

09 to 12 years in Experience

Specialization:

Individual should be qualified and experienced in non-destructive testing (NDT) and holds as minimum Penetrant Testing (Level-II) or Magnetic Particle Testing (Level-II), as well as Ultrasonic Testing (Level-II) or Radiographic Testing (Level-II) certifications, which are specifically required to perform these NDT at heat exchanger, pressure vessel, tanks and piping weldments etc.

Preference shall be given to individual also having experience in vibration monitoring, heat treatment, pressure testing and holding Vibration Analyst Category-II and CSWIP Level- I certifications.

Job Roles & Responsibilities:

To perform different non-destructive testing (NDT) i.e. Ultrasonic Testing (UT), Ultrasonic Flaw Detection (UFD), Dye penetrate Testing (DPT), Magnetic Particle Testing (MPT) and Radiography Testing (RT).

To assess acceptance / rejection of defects identified in NDT as per applicable codes & standards and prepare inspection reports.

To perform solution film testing (SFT) and hydrostatic testing of plant equipment and piping as per requirement and generate inspection reports mentioning details of findings.

To assist Inspection Engineer in visual inspection and other inspection activities pertaining to condition monitoring of plant equipment and piping.

Perform positive material identification (PMI) of incoming material to warehouse using alloy analyzers, to ensure accuracy of technical

specifications of material and conformance to codes and standards.

To witness valve testing and pressure safety relief (PSVs) testing as per codes and standards.

To witness load testing of gear trolleys, winches, cranes, fork lifters and other load lifting equipment as per work instructions and procedures.

To carry out quality control of painting / wrapping and coating works in the plant i.e. paint DFT, wet film thickness measurement, surface profile measurement, holiday testing to ensure adherence to codes and standards.

To carry out temperature and thermography survey of refractory lined equipment i.e. furnaces, secondary reformer, transfer line and other equipment as per requirement.

To prepare and compile isometric drawing to carry out UT survey on piping circuits as per requirement.

To prepare weld summary sheets against mechanical packages and ensure updation of NDT records in respective folders.

To perform vibration data collection acquisition using casing vibration analyzers and online shaft vibration data collection using ADRE Sxp software.

To ensure compliance to all relevant safety, quality and environmental management policies, PSM framework and procedures.

To perform heat treatment of welds and other components as per requirement.

To perform cathodic protection (CP) data collection.