
VACANCY FOR R&D CHEMIST

Requirements for R&D Chemist

- ✓ Minimum 03 years of working experience required.
- ✓ Candidate should possess a Full Time Bachelor's Degree in Science (B.Sc.) with Chemistry as one of the subject and Full Time Post Graduate Degree in Chemistry with specialization in Inorganic or Analytical Chemistry

Responsibilities to be handled by R&D Chemist:

- ✓ Should have thorough knowledge in material characterization in respect of chemical analysis including trace element analysis and the associated method of analysis.
- ✓ Managing smooth functioning of chemical section in the analysis and able to guide the team independently in this area.
- ✓ Ability to guide and solve the process shop and corrosion related issues.
- ✓ Conversant with current analytical techniques using latest instruments.
- ✓ Should have knowledge on the surface engineering aspects of metallic materials like conversion coatings viz. phosphating, chromating and anodizing; diffusion coatings; thermal barrier coating; electroplating and electroless plating.
- ✓ Ability to analyse, characterize and testing of non-metallic materials like rubber, plastics, adhesives, sealants and oil.
- ✓ Should have knowledge of R&D work pertaining to analysis and fixing of Aeronautical material specification by reverse engineering for Indigenisation of aeronautical components.
- ✓ Preparation of process specification and test procedures in line with international standard.
- ✓ Should have experience in general administration of R&D and Laboratory activities.
- ✓ Responsible for routine preventive maintenance of all the equipment's and periodic calibration of glass wares and balances used in the Section.
- ✓ Should be able to train and guide technical personnel of Chemical Section on the latest analytical tools and techniques.