



Job Description – Electrical Engineer

Code: RRIL-EnI-01

Background information:

- revalyu resources GmbH (www.revalyu.com) owns patent for a proprietary chemical recycling process which transforms waste polyethylene terephthalate (PET) bottles back into high quality esters. These esters are indistinguishable from esters derived from virgin petrochemicals.
- revalyu recycling (India) Ltd. operates an industrial scale plant in Nashik where this patented process is used to recycle waste plastic (PET) bottles into 100% recycled PET resin and polyester filament yarns. The Nashik plant has capacity of around 48000 tonnes of plastic bottle waste per year and operates on a continuous 24/7 basis.
- The recycled PET resin and filament yarns produced by revalyu are integrated in the supply chain of many leading brands such as adidas, Decathlon, The North Face, Ikea etc.
- revalyu Recycling (India) Ltd. is currently expanding its manufacturing capacity and is setting up an in-house Research and Innovation (R&I) Centre.
- R&I team will be empowered to develop new and existing products with unique features and competitive advantage and develop efficient manufacturing processes. The team is looking to fill following positions.

Position : Electrical Engineer

Location : Nashik

Publication Date : August 2025

Travel : Yes, ≤ 10%

Salary and benefits: Commensurate with experience

Role Description:

- Should be conversant with the operation and maintenance of utility equipment like chillers, compressors, steam boilers, thermic fluid heaters, Nitrogen plants, DG sets, etc...
- Should be conversant with the operation and maintenance of switchgear, protection relay, motor, transformers, and VFD.
- Candidates who have experience with DTY Machines, POY Machines, FDY machines, and continuous polymerization (CP) have good advantage and is highly preferred.
- Should have good experience in the administration of departmental activities and handling a group of people.

Daily activities include (eg. generating MIS, supervising teams, data entry, troubleshoot):

- Day-to-day activities like attending the shift activities, and troubleshooting primarily in process, utility, and service areas.
- Writing Reports and documentation such as IMS implementation and audit preparation.
- Programming and minor modifications/customization in Electrical systems like PCC, MCC, Starters, Panels, VFD, etc.
- Understand plant power distribution system, process drawing (Process interlock drawing -PID)
- Should have knowledge of repair & testing of various equipment.
- Should execute Preventive, predictive, and breakdown maintenance of plant electrical equipment.
- Design, implement, and improve electrical facilities and systems for industrial, and utility purposes



- Support Shift Leader/Team Member on the shop floor and HOD in assigned jobs.
- Ensure the shift is adequately staffed.

Educational Qualification & General:

- The candidate should have a full-time 03 year Diploma in Electrical Engineering with good academic track record.
- Preferred experience in polyester operations and project field / site.
- Safety standard and management: Should understand functional safety, ensuring compliance with relevant health and safety regulations and quality standards.
- Analyzing operational data of electrical equipment in use for troubleshooting.
- Liaising with vendors, government officials, suppliers, contractors, and relevant authorities.
- Electrical legal and statutory compliance requirements.
- Assist in developing capital project programs for new equipment and major repairs / modifications.
- Compile data and prepare reports regarding existing and potential engineering studies and projects.

Skills:

- Flexibility with Creative problem-solving and troubleshooting skills, thinking outside the box often leads to novel solutions that increase performance, efficiency, and revenue
- Excellent critical thinking skills and a high level of numeracy
- Good communication and interpersonal skills
- Strong teamworking skills, with an ability to motivate others and to lead or manage teams and projects
- Computer applications like MS office, Power point presentations, ERP systems, etc..
- Able to work under pressure to meet tight deadlines.
- Working collaboratively with design engineers, consultants, operation engineers, purchasers, and other internal staff. Projects :
- Reviews technical documentation and requirements like GA, SLD, technical, Control logic, Specifications, BOM lists, installation and commissioning guidelines.
- Hands-on experience of installation & commissioning of HT, MV, and LT switchboards like PCC, MCC, VFD, APFC, Online UPS, battery, transformer, D.G. Set, Sync, panel, Motors, SPM M/C, Earthing System, Sub-Station equipment.
- Candidate should be conversant with all national, and internal symbols, and relevant applicable standards, like IEC, IS, CEA, Indian Electricity Act, E-Waste, etc.
- Defines engineering requirements: Prepares the technical documentation for Electrical systems requirements as per relevant standards and performs the technical evaluations.
- Optimizes electrical systems ensuring minimal cost and simplification in compliance with the required standard.
- Provides technical support to Project group/team and other engineering functions.
- Prepares specifications for Electrical systems (PCC, MCC, PDB, LDB, APFC, Power, Control Cable, earthing, etc.) and installation.
- Candidate should have experience of requirements like Fire alarm system, Emergency lighting, Lighting distribution, fire hydrant system, etc.
- Should have sound experience of planning and coordinating operational and project activities.
- Prepares Electrical list & datasheets/commissioning checklist of electrical equipment.
- Prepares Electrical cable & termination scheduling and Implement detailed engineering activities.
- Performs the F.A.T. of electrical equipment/System etc.



Apply at: Candidates are requested to send their resumes to HR Team at:
K/A: Mr. Dattatray More; Email: dattatray.more@revalyu.in
E-mail subject: "Resume – RRIL – EnI-01"