

Job Description - Electrical - Engineer

Apply at: Candidates are requested to send their resumes to HR Team at:

K/A: Mr. Sachin Sonawane; sachin.sonawane@revalyu.in

E-mail subject: Electrical - Assistant Shift Leader / Shift Leader

Background information:

o 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.

o 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 12000 tonnes of plastic bottle waste per year and operates on a continuous 24/7 basis.

o 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.

o revalyu Recycling (India) Ltd. is currently expanding its manufacturing capacity and is setting up an in-house Research and Innovation (R&I) Centre.

o 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 position

Position: Electrical - Assistant Shift Leader / Shift Leader

Location: Nashik (near Dindori)

Starting Date: March 2023

Travel: Yes, 10%

Primary output / Main purpose (eg.):

- 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.
- Candidate having experience with DTY Machines, POY Machines, FDY machines, and continuous polymerization (CP) 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.
- Programming and minor modifications/customization in Electrical systems like PCC, MCC, Starters, Panels, VFD, etc.
- IMS implementation and documentation
- 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.

General:

- The candidate should have a good academic track record.
- The candidate should have a full-time 03 years Diploma in Electrical Engineering.
- Candidate having experience in polyester operations and project field is a good advantage and is highly preferred.
- He will report to the department head.
- Safety standard and management: Should understand functional safety, ensuring compliance with relevant health and safety regulations and quality standards.
- Should be ready to come in shifts.
- Familiar with MIS activities and documentation.
- Should have experience of material management.
- Analysing operational data of electrical equipment in use for troubleshooting.
- Liaising with vendors, government officials, suppliers, contractors, and relevant authorities.
- Compliance to legal and statutory 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:

- 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
- Flexibility and an ability to compromise
- A willingness to accept responsibility and make decisions
- A high level of attention to detail
- An understanding of, and ability to work with 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.
- Review of appointed consultant for Electrical function.
- 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 coordination of operational and project activities.
- Prepares Electrical list & datasheets/commissioning checklist of electrical equipment.
- Prepares Electrical cable & termination scheduling.
- Implements detailed engineering activities.
- Performs the F.A.T. of electrical equipment/System.