

Job Description

JOB VACANCY REF NUMBER:

2022-31 (1st October 2023)

JOB TITLE:

Surface Treatment Project Manager

PURPOSE OF THE JOB:

We are looking for a Surface Treatment Project Manager specializing in KTL (Kathodische Tauchlackierung or Cathodic Electrocoat) to be responsible for overseeing the entire electrocoating process in our manufacturing facility plant. The role involves ensuring that the KTL process is carried out efficiently, safely, and according to industry standards.

DUTIES & RESPONSIBILITIES:

Process Oversight:

- Manage and supervise the entire KTL process, from pre-treatment to final cure.
- Monitor process parameters, including voltage, current density, bath temperature, and chemical concentrations, to ensure compliance with specifications.
- Supervision of line design in Italy
- Supervision of line production in Italy

Quality Assurance:

- Implement quality control procedures to guarantee the highest level of coating quality and adherence to industry standards.
- Conduct regular inspections and testing to ensure that products meet or exceed customer specifications.

Team Leadership:

- Recruit, train, and manage a team of technicians and operators responsible for the KTL process.
- Foster a culture of safety, quality, and continuous improvement within the team.

Equipment Maintenance:

- Oversee maintenance schedules for KTL equipment, including rectifiers, anodes, tanks, and filtration systems.
- Coordinate with maintenance teams to ensure timely repairs and replacements.

Environmental and Safety Compliance:

- Ensure compliance with environmental regulations related to waste disposal, chemical

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usage, and air emissions.

- Implement and enforce safety protocols to prevent accidents and ensure a safe working environment.

Inventory and Supply Chain Management:

- Monitor chemical usage and maintain an inventory of required KTL chemicals, ensuring an uninterrupted supply chain.
- Coordinate with procurement teams to source chemicals and equipment in a cost-effective manner.

Documentation and Reporting:

- Maintain accurate records of process parameters, quality checks, and inventory levels.
- Generate reports on process performance, efficiency, and quality metrics for management review.

Continuous Improvement:

- Identify opportunities for process optimization, cost reduction, and efficiency improvements.
- Implement changes and track the impact on key performance indicators.

Training and Development:

- Provide ongoing training and development opportunities for the KTL team, keeping them updated on best practices and new technologies.

CANDIDATE:

- Proven experience in surface treatment processes, with a strong focus on KTL.
- Demonstrated leadership skills and experience in managing a team.
- In-depth knowledge of KTL equipment, chemicals, and associated technologies.
- Familiarity with environmental and safety regulations in the electrocoating industry.
- Strong analytical and problem-solving abilities.

REPORTING TO:

CEO

WORKING HOURS:

- Full-time - 5 working days
- Working time is Monday -Friday and hours 8 am - 5:30 PM

PROBATION:

6 Months

Person Specification

KNOWLEDGE:

- Must have a solid knowledge of manufacturing processes

Desirable:

- Strong organizational and multitasking skills.
- Excellent communication and interpersonal abilities.
- Detail-oriented with a focus on quality and precision.
- Ability to work under pressure and meet deadlines.

WORK SKILLS

Essential:

- Automotive experience

GENERAL SKILLS/ ATTRIBUTES:

Essential:

Must be experienced in the following: -

- Line Design verification with the supplier
- process verification with the supplier
- Wastewater treatment design
- Architectural drawing of plant verification with the Winner
- Chemical - initiation of discussion with local and global suppliers
- Jigs design
- Validation process
- Stripping process design
- lab preparation
- lab equipment
- Electronic dosing process preparation
- Chemical storage design and preparation
- Supervision of transport of the line to the UAE
- Maintenance of the line
- Training of the operators
- Water recovery installation
- line run process verification.
- Crane platform on a high level
- Movement of part between KTL and Powder paint
- Masking strategy for Powder painting
- Jigs maintenance set up and schedule.
- Waste collection partner in the region

Desirable:

- Profound understanding of the Cathodic Electrocoat process, including pre-treatment, electrocoating, curing, and quality control.

- In-depth knowledge of the chemicals used in the KTL process, including their properties, handling, and safety considerations.
- Equipment Operation and Maintenance:
- Proficiency in operating and maintaining KTL equipment, such as rectifiers, anodes, tanks, and filtration systems.
- Experience in implementing and managing quality control procedures to ensure the highest coating quality and compliance with industry standards.

EXPERIENCE

Essential:

- Minimum 10 years working in an automotive environment

Desirable:

- Knowledge of the automation of production processes, aluminum extrusion

EDUCATION:

Essential:

- Bachelor's degree in chemical engineering, Material Science, or a related field.
- Additional certifications in surface treatment or electrocoating are a plus.

Desirable:

- A Master's degree in Engineering.

QUALIFICATIONS

Essential:

- Deep understanding of the KTL process, regulatory requirements, and equipment maintenance. They'll be responsible for managing teams, implementing process improvements, and ensuring compliance with industry standards
- Expertise in implementing and enforcing safety protocols to maintain a safe working environment for the team.

Salary:

- Competitive package based on experience