

## MECHANICAL ENGINEER

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Responsible for performing mechanical engineering duties with regard to installation, operation, maintenance, and repair of plant equipment. This role will focus on TAR and Capital projects work for the site.

### ESSENTIAL JOB FUNCTIONS

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- Serve as a member of cross-functional team to resolve, plan, and implement solutions to address static equipment problems. Work alongside TAR Planning team to prepare and implement TAR work for upcoming Turnarounds.
- Work with a multi-disciplined team to initiate, propose and oversee manufacture and development of Capital Projects. Work with mechanical contractors to follow through with mechanical completion of Capital Expenditure Projects on site.
- Read and interpret blueprints, technical drawings, schematics, or computer-generated reports.
- Confer with other engineers or other personnel to implement operating procedures, resolve system malfunctions, or provide technical information.
- Perform functions and duties in a manner that protects personal safety as well as the safety of all personnel on site
- Promptly report all safety, health or environmental incidents or issues
- Provide technical and field support to Operations and Maintenance departments for mechanical equipment.
- Recommend design modifications to eliminate machine or system malfunctions.
- Conduct research that tests or analyzes the feasibility, design, operation, or performance of equipment, components, or systems.
- Investigate equipment failures and difficulties to diagnose faulty operation, and to make recommendations to operations and maintenance crews.
- Develop, coordinate, or monitor all aspects of production, including selection of manufacturing methods, fabrication, or operation of product designs.
- Specify system components or direct modification of products to ensure conformance with engineering design and performance specifications.
- Assist in root cause failure analysis on critical equipment failures.
- Perform component failure analysis as required.
- Witness repairs to equipment and serve as a coordinator on critical equipment repairs as needed.
- Initiate capital projects to maintain/enhance business goals.
- Participate on capital project teams and provide assistance in development of specifications and supporting detail design efforts.
- Review project design packages for proper design regarding operability, reliability, and maintainability
- Assist in the development and monitoring of the preventative maintenance program.
- Develop, review, and maintain equipment specifications as related to purchasing, installation, operation, and maintenance/repairs.
- Develop and implement alterations and revisions to equipment to improve business performance of the operating units.
- Provide various engineering reports as needed.

- Assists other Departments as necessary.
- All other duties and responsibilities as assigned.

## QUALIFICATIONS

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### Education, Experience, and/or Training

- Bachelor's degree in Mechanical Engineering required.
- Minimum of 8 years of engineering experience in the Chemical Industry field or equivalent
- Minimum of 8 years' experience working in an industrial manufacturing environment.
- Fertilizer manufacturing experience a plus

### Knowledge, Skills, and Abilities

- Requires working knowledge of relevant ASME and API codes.
- Certification in relevant ASME and API codes is a benefit
- This individual shall possess a sound knowledge of fixed equipment as well as a knowledge of inspection activities/techniques.
- Knowledge of corrosion mechanisms and materials is desired.
- Ability to read and interpret P&IDs, isometric drawings, and Corrosion Control Diagrams.
- Experience in writing procedures
- Demonstrated technical leadership related to fixed equipment.
- Knowledge of risk-based inspection software programs and best practices
- Ability to use personal computer software for word processing, spreadsheet and database applications.
- Be able to work independently (while still possessing good teamwork ability).
- Ability to gather and evaluate complex information.
- Ability to work and make decisions in a fast paced, high stress environment.
- Provide attention to detail and ability to produce results.
- Ability to interact with team members and meet strict deadlines.
- Strong verbal and written communication skills.

### ELIGIBILITY REQUIREMENTS

Employment is contingent upon the successful completion of a background check, pre-employment physical and drug screen. In addition to the following:

#### SECURITY CLEARANCE REQUIREMENTS

- Transportation Workers Identification Credential (TWIC)
- Maintain a valid driver's license and ensure HR has a current copy on file

#### SOFTWARE

- Proficiency in Microsoft Office, including Excel required.
- Experience with SAP a plus

#### PHYSICAL

- The employee must be able to lift and/or move up to 50 pounds.
- Requires sitting, standing and walking for extensive periods of time.
- Requires working under stressful conditions or working irregular hours.

- Confined space entry required
- Ability to work with a high noise levels in the work environment is required.
- Follow company safety and health guidelines and other company policies.
- Some work may require heights in excess of 100 feet.
- Ability to climb straight ladders.
- Ability to work outdoors in all weather conditions.
- Working in heavy industrial chemical plant environment.

#### **WORK SCHEDULE**

- Monday – Friday between 8:00am – 5:00pm, working the 9/80 schedule
- May work additional hours and days, during plant outages and TAR's, including weekends and holidays as required.

#### **TRAVEL**

- Travel not anticipated in this role

#### **DISCLAIMER**

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This is not necessarily an exhaustive list of all responsibilities, skill, tasks, requirements, efforts, or working conditions associate with the job. While this is intended to be an accurate reflection of the current job, OCI Beaumont, LLC reserves the right to revise or change job duties and responsibilities as business needs arise. In compliance of EEOC regulations, if the employee cannot perform the essential functions of this position in a satisfactory manner, further accommodations shall be made if it does not constitute undue hardship upon this organization.

#### **ABOUT OCI BEAUMONT**

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OCI N.V. is a leading global producer and distributor of nitrogen products and methanol providing sustainable solutions to agricultural and industrial customers around the world. Our production capacity spans four continents and comprises approximately 16.1 million metric tons per year of nitrogen fertilizers, methanol, diesel exhaust fluid, melamine, and other nitrogen products. We are headquartered in the Netherlands and listed on Euronext in Amsterdam. We are proud to have cultivated a strong community focused identity as a local employer with 3,600 employees around the world. Our employment strategy has resulted in a diverse global workforce encompassing 25 nationalities located in ten countries, with diverse ethnicities, religious beliefs, cultures, orientations, ages, and other traits working together respectfully and with a shared sense of purpose.

OCI is an equal opportunity employer that recruits, hires, trains, and promotes regardless of race, color, age, disability, sex, national origin or religion. We value diversity in our workforce and in the communities we serve.

OCI offers a comprehensive, first-class benefits package. These benefit plans provide a wide range of benefits and protection for the employees and their families. Full-time employees are eligible for medical, prescription drug, dental, vision, life, and disability insurance coverage upon hire. OCI also offers a 401(k) program with a company matching benefit. Full-time employees of OCI receive paid holidays and PTO.