



**Corporate Office:** 858 Acid Mine Road ~ Sullivan, MO 63080      **Office:** (573)468-4045    **Fax:** (573)468-9045  
**Branch Office:** 1502 Gault Road ~ Houston, TX 77039    **Office:** (281)557-0103

<b>Title:</b> Turbine Engineer	<b>Location:</b> All
<b>Division:</b> Corporate	<b>Department:</b> Engineering & Quality
<b>Reports to:</b> Director of Operations	<input checked="" type="checkbox"/> <b>Exempt</b> <input type="checkbox"/> <b>Non-Exempt</b>
<input checked="" type="checkbox"/> <b>Full Time</b> <input type="checkbox"/> <b>Part Time</b> <input type="checkbox"/> <b>Temporary</b>	

**Position Summary:** The Turbine Engineer provides steam turbine engineering support and disposition for the products and services provided by RTS including design solutions, redesigns to address equipment problems, field operations and development of process/procedures for use in the shop or field. The ability to make sound technical decisions/recommendations in time critical situations to support outages and field/shop activities is a primary component of the position.

**Essential Responsibilities:**

- Functions as a subject matter expert for all divisions with emphasis on turbine rotating and stationary components and sub-systems (valves, lubrication oil, hydraulic oil & controls, seal oil, etc.).
- Provides production support to the field and shop operations (Repairs & Open Clean and Close) Divisions.
- Analyzes and/or generates engineering drawings, specifications and related data as required.
- Develops procedures and datasheets as needed for operations.
- Provides project estimates on costs, resources and schedules.
- Provides engineering oversight of field and shop repairs to ensure repairs are performed in a quality manner with acceptable margin for successful operation of equipment by customers.
- Sketches rough layouts and computes angles, weights, surface areas, dimensions, radii, clearances, tolerances, location of holes, etc.
- Reviews component designs for compliance with engineering principles, company standards and customer contract requirements, and related specifications.
- Coordinates activities concerned with technical developments, scheduling and resolving engineering design and test problems.
- Directs integration of technical activities and products.

- Evaluates and approves design changes, specifications and drawing releases.
- Controls expenditures within limitations of project budget.
- Prepares interim and completion project reports.
- Measures machine and parts during production to ensure compliance with design specifications.
- Uses computer assisted design/drafting equipment and software to develop designs and/or drawings.
- Handles material review board responsibilities for operations.
- Oversees the welding program. Develops and certifies procedures, processes and welders as needed to support operations.
- Functions as a project engineer and/or project manager as needed to support operations.
- Maintains the work area and equipment in a clean, orderly condition and adheres to all safety rules and regulations.
- Willing to attend on-going training to further professional development.
- Ensures communication with customers, suppliers, vendors and co-workers are professional and appropriate.

### ***Qualifications/Skills:***

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required to perform the essential functions of the job.

#### *Education -*

- Bachelor's degree in mechanical engineering.

#### *Experience -*

- Must have 3 years' related experience/Preferred 5 years related experience
- Must have Power Generation and/or Steam Turbine experience

#### *Language Skills –*

- Ability to read, write and speak in a manner that is sufficient for effective communication with groups of managers, clients, customers, vendors and the public

#### *Skills and Abilities –*

- Strong attention to detail
- Must be customer service oriented, have excellent hospitality and guest relations skills
- Ability to lead the workforce
- Excellent math, verbal/written communication skills
- Ability to multi-task and use of judgement to solve problems
- Extraordinary safety focus
- Ability to perform routine duties involving use of various procedures and applications to clearly prescribed standard practices

#### *Technology, Tools, and Equipment –*

- Basic Computer, Telephone and various hand tools.

#### *Travel –*

- Must be willing and able to travel both domestically and internationally

#### *Certificates, Licenses and/or Registrations –*

- Valid Driver's License

- Passport

***Physical Demands:***

The physical demands described below are representative of those that must be met by an employee to successfully perform the essential functions of this job.

- Transport: Must be able to lift up to and including 50lbs
- Stationary/Move/Traverse/Ascend/Descend/Bend/Pull/Pushing/Move/Inspect: Must be able to drive and move about all worksites
- Touch/Grasp/Feel: Must be able to manipulate all office and designated shop/field remote components
- Working Conditions: Office/Shop/Remote environment

***Supervisory Responsibilities:***

- This position has limited direct supervisory responsibilities but often functions as an indirect supervisor with functional authority.

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties and responsibilities that are required of the employee for this job. Duties, responsibilities and activates may change at any time with or without notice.