



JOB DESCRIPTION

Job Title:	Mechanic		
FLSA Status:	Non-Exempt		
Reports To:	Mechanic Supervisor		
Direct Reports:	n/a		
Schedule:	Varies		
SSC Incentive:	Yes	Holiday Pay:	Yes

Overview:

Contribute to Sterling Steel safely producing high quality products at the lowest cost by repairing machines & structures throughout the plant, fabricating and/or installing mechanical items when necessary and completing scheduled maintenance as to prevent future failures.

Responsibilities & Duties:

- Inspect mechanical equipment for operating conditions and determine need for maintenance or repair. Trouble shoots and determines course of repairs required
- Dismantle, repair, and assemble mechanical equipment such as gears, bearings (Babbitt and scrape bearings), shafts, cables, belts, etc.
- Calibrate or operate various diagnostic instruments to collect/analyze/interpret equipment operational data
- Develop and perform equipment inspection routes; collect and document findings
- Perform equipment failure analysis and recommend potential corrective actions
- Receive and review schedule of equipment to be diagnosed or inspected
- Create hand sketches, when necessary, of machine parts, showing shape and dimension
- Operate power tools such as electric and pneumatic drills, grinders, power saws, etc.
- Operate oxy-acetylene torch or electric welder on a variety of construction or repair welds
- Operate remote controlled cranes and mobile equipment
- Analyze and interpret data, recommend adjustments or corrections where required
- Prepare analyses and reports, and record data
- Read and interpret assembly drawings when necessary
- Determine the best way to make repairs to minimize interruption of production
- Plan work on the job alone and with other mechanics
- Advise when immediate shut-down of equipment is necessary to minimize damage or when temporarily continued operation will have no harmful effect
- Communicate and coordinate with employees, supervisors and managers
- Provide direction to production employees when they are assisting with Mechanical tasks
- Carry out Supervisors' orders in connection with operating practice, effective performance, etc.
- Communicate with Crane Operators using standard crane signals
- Accurately report and record equipment history data for CMMS system
- Complete paper copy of work orders
- Maintain daily activity logs, maintenance records concerning assigned service vehicle and equipment
- Perform housekeeping in areas of repair work and in shops
- Report to work as scheduled
- Follow all related SJPs
- Adhere to all Policies and Work Rules
- Comply with all SSC Safety rules; including Lock Out/Tag compliance
- Complete all other duties as assigned

Experience/Education/Skill/Knowledge:

- 3+ years maintenance mechanic related experience; preferably in similar heavy

manufacturing setting • Ability to effectively read, write, understand, and otherwise communicate in English is required for this position • Working knowledge of welding and cutting various metals • Familiar with uses and application of all types of fits such as press fits and running fits. • Ability to read and understand blueprints • Knowledge of Crane signals • Knowledge of and proficient at using alignment and inspection tools • Basic computer skills • Ability to work effectively alone or with other employees, with or without direct supervision		
Physical Demands:		
• Able to work in extreme temperatures (hot & cold) while wearing required PPE • Willing and able to learn, retain and apply new information • Mobility to move to any area of assigned location (Rod Mill and/or Melt Shop) • Strength and stamina to remain on feet for majority of 12-hour shifts • Able to use required PPE • Walk up and down stairs safely • Climb ladders and on catwalks, using safety harness • Safely maneuver to positions required to inspect and repair Overhead Cranes • Lift up to 50 pounds occasionally • Carry up to 25 pounds without assistance • Communicate effectively in English (written and verbal communication) • Strong basic computer skills including dexterity to type on keyboard • Supply own basic tools (list available in HR)		
Tool/Machines/Equipment Used:		
• Basic Hand Tools • Hydraulic Power Tools • Electric & Air Drills • Electric Welder • Acetylene Torches	• Hydraulic & Screw Jacks • Alignment & Inspection Tools • Pipe threading tools • Ultrasound gun • Manlifts	• Tractors • Mobile equipment • Remote Cranes • Computer • Blueprints
QMS Requirements		
• Know and follow Company Quality Policy & Mission Statement • Initiate action to prevent the occurrence of any nonconformity related to product, process, and the system. • Identify and record any problems relating to the product, process and the quality system. • Initiate, recommend or provide solutions through designated channels. • Verify the implementation of solutions. • Control further processing, delivery or installation of nonconforming product until the deficiency or unsatisfactory condition has been corrected.		