GENERAL LABOR JOB DESCRIPTION- HEAT TREAT

Position Title: General Labor- heat treat

Reports To: General Manager

Summary of the Job: General laborers perform a variety of operations within the heat treat facility. They are capable of efficiently setting up and operating machinery related to the induction hardening process as well at other related machinery. They are accountable for accurately recording controlled settings and material test results in accordance with customer specifications. Attention to detail is crucial.

Essential Functions:

1. Calculate dimensions and tolerances using knowledge of mathematics and instruments such as micrometers and calipers.

2. Measure, examine, and test completed units to detect defects and ensure conformance to specifications, using precision instruments such as micrometers.

3. Set up, adjust, and operate all of the basic machine tools and many specialized or advanced variation tools to perform precision machining operations.

4. Align and secure holding fixtures, cutting tools, attachments, accessories, and materials onto machines.

5. Monitor the feed and speed of machines during the machining process.

6. Study sample parts, blueprints, drawings, and engineering information to determine methods and sequences of operations needed to produce products that meet customer specifications.

7. Select the appropriate tools, machines, and materials to be used in preparation of heat treat and/or machinery work.

8. Lay out, measure, and mark metal stock for accurate processing.

9. Observe and listen to operating machines or equipment to diagnose machine malfunctions and to determine need for adjustments or repairs.

10. Other duties as assigned including but not limited to cleaning parts with solvent, maintaining a clean safe work station and facility, machining parts to specifications using machine tools such as lathes, milling machines, or grinders.

Necessary Skills: Operation & control, operation monitoring, mathematics, equipment selection, troubleshooting, reading comprehension, quality control analysis, equipment maintenance, active learning and listening, reading for information, attention to detail.