

POSITION DESCRIPTION Mechanical Fitter/ Machinist

Position Reports to: **Workshop Supervisor**

Primary Objective: **Precise fit out of gearboxes, pumps and valves; balancing and testing; assembly of mining equipment plus associated components and general fitting, as well as general Turning and Milling**

SPECIFIC ACCOUNTABILITIES

- ◆ Ensure sufficient task analysis are completed to carry work out safely.
- ◆ Perform assigned duties in a timely and safe manner.
- ◆ General machining including use of: Large and Small Centre Lathes, Milling Machines, Radial Drills, Shaper Machines, Horizontal and Vertical Boring Machines.
- ◆ General fitting including the use of: Gear reduction Units of all size and type, Fluid Couplings and Power Transmission Devices, Boiler Feed Pumps and other Critical Process Pumps, Hydraulic Cylinders, Pump Impeller Rotating Assemblies, Conveying, Crushing and Stockpiling / Reclaiming Equipment, Large Components of Drag Lines and Underground Mining Equipment and Hydraulic and Pneumatic Systems.
- ◆ Co-ordinate and work in a team environment.
- ◆ Maintain and use equipment as designed.
- ◆ Ensure that work is performed as per Job Cards or ITP's and current schedule of works.
- ◆ Ensure all work is carried out to quality and specification requirements and that documentation is completed on time.
- ◆ Daily time cards are completed accurately and on time.
- ◆ Assist in the management of an harmonious environment, team building and training of apprentices and other employees as required.
- ◆ Adherence to Company procedures.
- ◆ Application of fine tolerances to machined surfaces when fitting bearings, gearing, seals etc. to shafts and hubs with respect to heating/freezing techniques and the like.
- ◆ Ability to inspect, analysis and record critical mechanical information during the process of undertaking mechanical refurbishment work; this critical information would include the interpretations of wear and tear, mechanical damage to Gears, Shafts, Housing etc. recording of end floats, preloads, gear train, backlashes, tooth contacts and other at the start and completion of every refurbishment.
- ◆ Ability to sketch and accurately measure mechanical components from Gearboxes, Pumps and other Drive Equipment.
- ◆ Perform mechanical repairs, manufacture components and other duties as directed by the mechanical supervisor.

AGREED KPI'S

- ◆ Safety; Zero LTI's, Maximum 2 MTI's per year, Maximum 20 FAI's per year.
- ◆ Industrial Relations, zero lost time.
- ◆ Delivery, 95% to current schedule.
- ◆ Quality, 90% or substantial compliance of audits.
- ◆ Maximum of 5% down time of equipment.

COMPETENCY

Trade qualified. Minimum of 5 years experience including general machining plus a sound knowledge of gearboxes, pumps, valves, mining equipment. Sound knowledge of QA processes. Preferable forklift plus basis welding and gas cutting competency.

Issued by:Print Name:Date:

Accepted by:.....Print Name:Date: