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REVIEW DATE: _____ REVIEWED BY: _____

Hydro Australia

Hydro Australia Pty. Ltd. was formed in December 1997 and officially commenced operations on the 21st October 1998. We are a division of Hydro Inc., the largest independent pump repairer in North America.

Our philosophy is to work hand in hand with our clients in providing solution-based engineering in the pursuit of identifying the root cause failure of pumps and re-engineering the product to eliminate those problems identified.

This approach focuses on increasing equipment life, thereby reducing maintenance costs associated with the repair, parts purchase and in-house labor resulting from premature equipment shutdown.

Our most important strategic concept, however, was to share our working pump knowledge with our clients. For, as our mission states, only by working hand in hand with the customer can we truly develop optimum performance. In support of this, Hydro Australia maintains an open door policy, inviting unannounced visits by our customers to inspect our workmanship.

We are engineering based and are linked to our parent company by computer to enable any problems unable to be resolved by our engineering group to be assessed by the Hydro pump engineering department.

POST DESCRIPTION FORM

Position Title	Workshop Engineer – Pump Industry
Reports to	Manager - Engineering
Positions Reporting to this Position	
Position deals with	Leading Hands, Inspector's, Trades-people, Draftsperson and others as required
Role Description	The Workshops Engineer primary responsibility is to provide engineering

support for all workshop activities, the position is the first point of contact for the leading hands to enable quick response problem solving.

Major Duties

Included but are not limited to the following

- Problem solving engineering issues.
- Completion of job packages prior to issue to the workshop.
- On-Site commissioning of installed pumps.
- Project Management when required
- Reverse engineering, setting fit and clearances, providing hardness recommendations
- Working on engineering upgrades such as, Design changes, Performance upgrades, A&B Gap & Overlap modifications, Under-filing, Material changes, Pump selection, etc.
- Working with Trades-people (hands on) to help with assembly and disassembly problems.
- The Engineer is authorized to modify and approve drawings and job cards, including changes to operations. They are also authorized to assess, recommend and approve corrective actions to Non Conformances as they arise.
- Commitment to and compliance with the maintenance of the company's Quality Assurance policies, processes and procedures
- Commitment to and compliance with the maintenance of the company's OHS&E policies, processes and procedures

- To train temporary replacements, to cover position whilst away for extended periods of time.

As a member of the Hydro team, other duties may include support for other company goals and taking an active role in developing company policy and procedures.

Key Performance Indicators (KPIs)

- To deliver timely engineering advice
- To incorporate safe work practices in all design work.
- To minimize rework by providing correct information to the workshop.

Knowledge

- Knowledge of pump and pumping applications.
- A sound knowledge of material and processes, in relation to the

manufacture of mechanical parts.

Skills

- A sound knowledge of manufacturing techniques and procedures
- Engineering Degree/Certificate
- **English is required**
- 6-12 months in house training.
- Sound verbal and written communication skills.
- Demonstrate sound understanding/ computer skills in Microsoft Excel, Microsoft Project, Microsoft Word, **Solidworks** and Virtual DMIS
- Sound general knowledge of company procedures relating to this role.

Attitude

This position is seen as critical to the overall success of the Hydro Australia operation. It is essential that the appointee can work closely with the Business Support and workgroup to contribute towards the continuing growth of our business. This requires a mature, enthusiastic, client-oriented approach to our customers and an open, supportive relationship with the Hydro Australia team.

Qualifications

A Mechanical Engineering Degree/Certificate, particularly in the rotating equipment area (fresh Graduated). Experience in the pump repair or manufacturing would be an advantage

Remuneration

Training opportunities at oversea are provided to complement existing skill and knowledge levels.