

MELBOURNE WATER POSITION DESCRIPTION

OFFICIAL

Reliability Specialist

REPORTS TO:	DIRECT REPORTS AND TEAM SIZE:
Manger Maintenance	Nil
THIS ROLE EXISTS TO: (PURPOSE)	
<ul style="list-style-type: none">• Provide technical expertise and experience to ensure safe, and consistent delivery of reliability improvement activities.• Build and improve upon best practice reliability techniques and processes to deliver improved asset performance.• Analysis of asset performance and maintenance delivery data to drive improvement opportunities.• Improve asset performance for the business through reliability management and strong engagement with operations and maintenance.	
KEY ACCOUNTABILITIES:	
<ul style="list-style-type: none">• Safety and general wellbeing of self, and those around you by following health and safety procedures, hazard identification and reduction, and continuous improvement. This includes being actively involved in identifying, promoting and implementing initiatives that improve health and safety.• Ensuring continuous improvement and enhancement with analysis of equipment failures to identify causes using Root Cause Analysis and problem solving techniques, identification and implementation of strategies and activities for improving asset reliability and increasing productive plant uptime.• Utilising best practice tools and techniques to resolve reliability issues and improving consistent works management processes.• Triage of asset issues and ensuring chronic issues referred to AMS for asset class investigation and support as required.• Ensure quality and currency of asset information and data, including criticality condition information, service risk profiles and other service capability report inputs.• Lead investigations / reviews and provide technical advice and direction as required on reliability performance.• Providing technical support and troubleshooting to Operational teams.• Providing technical support to minor capital works• Engaging with maintenance service provider(s) to return assets to service and optimise spares.• Ensure compliance with all Melbourne Water systems, policies and procedures and specifically Occupational Health and Safety, Environment, Product Quality Management Systems.• Support operations and maintenance teams with asset management technical knowledge. <p>Reporting on asset reliability performance.</p>	

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- Responding to incidents and providing key technical support during and after these events as required

KEY RESPONSIBILITIES	KPIs
<p>Safety and Wellbeing</p> <ul style="list-style-type: none"> • Demonstrate support of Melbourne Water’s safety and wellbeing beliefs • Proactive identification of hazards, issues and interventions • Incident management duties as required during business hours or after hours. 	<ul style="list-style-type: none"> • Demonstrated safety and wellbeing leadership as agreed in performance plan
<p>Asset Performance</p> <ul style="list-style-type: none"> • Delivery of exceptional asset performance • Analysis of asset performance and maintenance delivery data • Effective engagement with operations providing technical support • Effective engagement with AMS • Support minor capital delivery 	<ul style="list-style-type: none"> • Identifying and driving efficiency and reliability improvements on the basis of sound data analysis • Technical expertise and experience providing significant value to maintenance regime reviews • Leading and conducting investigations into asset reliability issues • Support RCM programs and other maintenance improvement initiatives from AMS • Condition based monitoring • Focus on short term “non-chronic” reliability issues
<p>Drive Exceptional Performance</p> <ul style="list-style-type: none"> • Drives the achievement of results 	<ul style="list-style-type: none"> • Improved operating asset availability and reliability: <ul style="list-style-type: none"> ○ % breakdown maintenance ○ % time based maintenance ○ % Unidentified root cause • Monitoring of efficient and effective maintenance programs • Assist in optimizing maintenance programs • Assist in delivery of minor capital works as required

SKILLS, KNOWLEDGE AND EXPERIENCE REQUIRED:

- Demonstrated knowledge and experience in operation and maintenance of large and complex mechanical and electrical plant and equipment.
- Demonstrated experience in one or more of the following engineering disciplines: electrical, mechanical or civil

Job level: EA 7
 Assessed by: People Hub
 Date Assessed: Jan 2019
 Last reviewed date: May 2024

HR TEM Position Description
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 Version 1



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- Demonstrated strong problem-solving and analytical skills with the ability to critically explore and analyse solution options and evaluate consequences of different risk scenarios and implement appropriate cost-effective risk management techniques.
- Extensive knowledge of reliability techniques, processes, tools and systems with the capability to utilise reliability best practice; (RCA, RCM etc).
- Knowledge of asset management processes and objectives.
- Proven ability to provide a high level of customer service, and contribute to a constructive, positive and supportive team environment.
- Proven ability to apply innovative continuous improvement solutions.
- Highly influential in workgroups and with colleagues in a complex environment.
- Strong communication and negotiation skills.
- Excellent organisational skills and an ability to balance priorities.
- Excellent written and communication skills.
- Experience with Maximo, SCADA, MS Office and other IT asset based systems.
- Demonstrated experience in reliability and risk management.
- Demonstrate initiative and ability to prioritise and perform complex professional/technical work with limited supervision and exercise professional/technical judgement.

KEY RELATIONSHIPS:

All Melbourne Water employees are responsible for managing aspects of our customer/stakeholder relationships and service interactions, and will work proactively to deliver a consistent customer experience.

Internal

- Works Delivery team
- Service Asset Lifecycle
- Other business groups as required

External

- Third party delivery partners, in particular the maintenance delivery partner
- Third party contractors / specialist consultants
- Maintenance, Low Risk Capital, MPD service providers
- Engineering design consultants and constructors

SALARY RANGE:

- EA 7
- Melbourne Water reserves the right to remunerate people according to their ability to perform the functions of the role based on their qualifications, skills and experience.

OTHER COMMENTS:

This role requires the following:

- A relevant tertiary degree (Engineering, asset or maintenance management, or similar) with significant industry experience
- Criminal Records Check
- Medical Assessment
- Victorian Driver's License
- AusCheck Clearance

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- This position is eligible for an operational vehicle in line with MW Motor Vehicle policy and procedures

Location: Preston. The role will regardless require a reasonable amount of travel across the full geographic spread of Melbourne Water's operational asset base.