Plant and Work Equipment Procedure

Purpose

The purpose of this Procedure is to effectively manage the Health and Safety (HS) risks associated with plant and work equipment. This includes new purchase, used purchase, hire, gift, internal transfer, internal design and manufacture etc. and provides direction with respect to management of plant or work equipment during its lifecycle.

Scope

This Procedure applies to plant and work equipment owned and/or operated by Queensland Hydro and includes any machinery, equipment, appliance, implement or tool, and any component or anything fitted or connected to any of those things. Plant includes items as diverse as lifts, bridge cranes, mobile plant, PPE, emergency equipment and power tools.

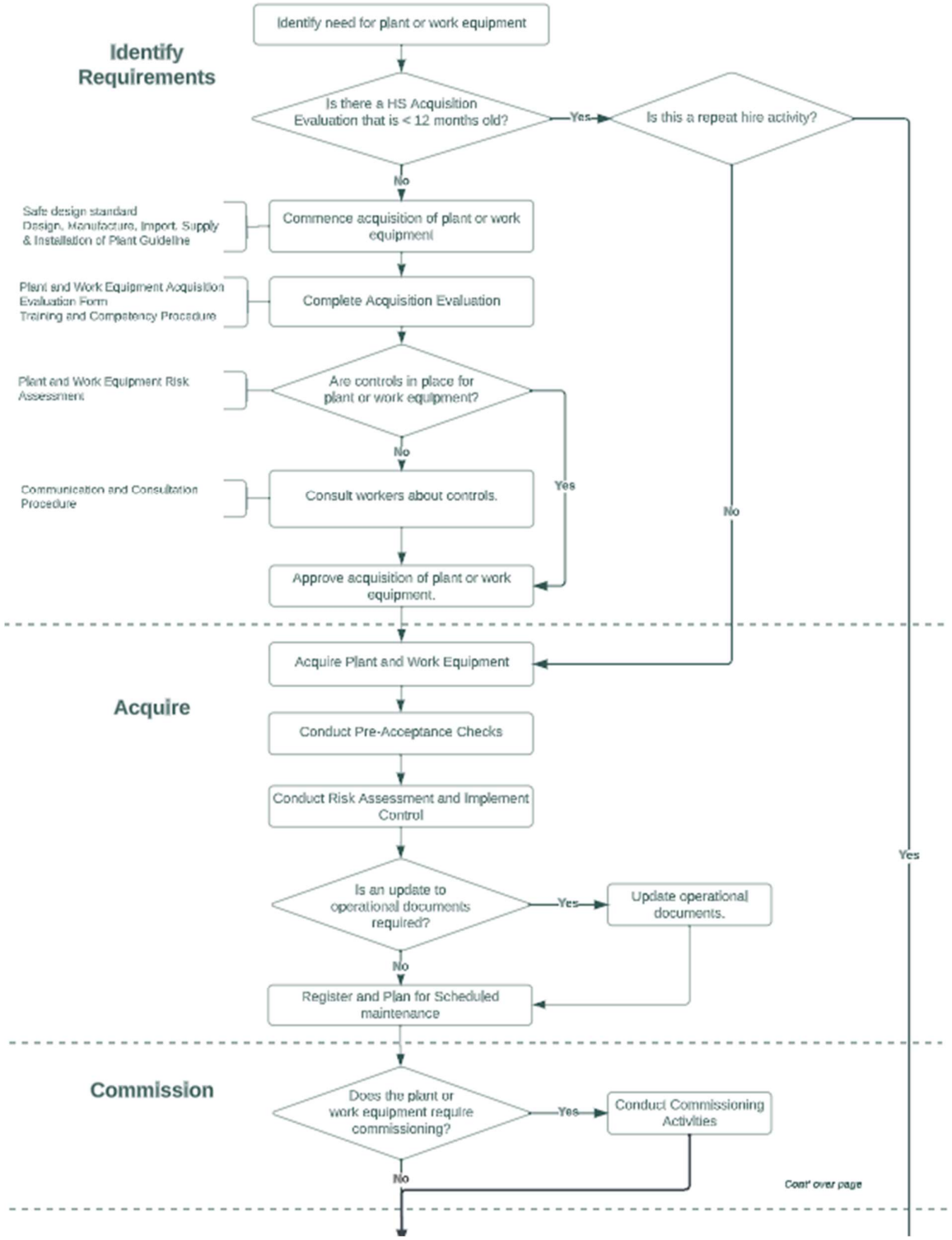
This procedure also applies to Contractors when working under the Queensland Hydro HS Management System (HSMS) or when directed under Contract. For all other contractors and labour hire providers, they are responsible for their own plant and work equipment and must have their own processes that meet the requirements of the **Plant and Work Equipment Standard (HS-STD-0013).**

It also addresses purchase and hire of specific plant and work equipment under purchase order arrangements or on behalf of Queensland Hydro (and as required has application to be used for Contract, credit card purchases or trials).

It **exclude**s the following matters, which are managed by separate Procedures:

- Contracts for services;
- Passenger vehicles and associated equipment, Refer to **Vehicle Safety Procedure (HS-PRO-0032)**.

Process Map


Identify Requirements
Identify need for plant or work equipment
Is there a HS Acquisition Evaluation that is < 12 months old?
Yes
Is this a repeat hire activity?
No
Safe design standard Design, Manufacture, Import, Supply & Installation of Plant Guideline
Commence acquisition of plant or work equipment
Plant and Work Equipment Acquisition Evaluation Form
Training and Competency Procedure
Complete Acquisition Evaluation
Plant and Work Equipment Risk Assessment
Are controls in place for plant or work equipment?
No
Yes
Communication and Consultation Procedure
Consult workers about controls.
Approve acquisition of plant or work equipment.
No
Acquire
Acquire Plant and Work Equipment
Conduct Pre-Acceptance Checks
Conduct Risk Assessment and Implement Control
Is an update to operational documents required?
Yes
Update operational documents.
No
Register and Plan for Scheduled maintenance
Yes
Commission
Does the plant or work equipment require commissioning?
Yes
Conduct Commissioning Activities
No
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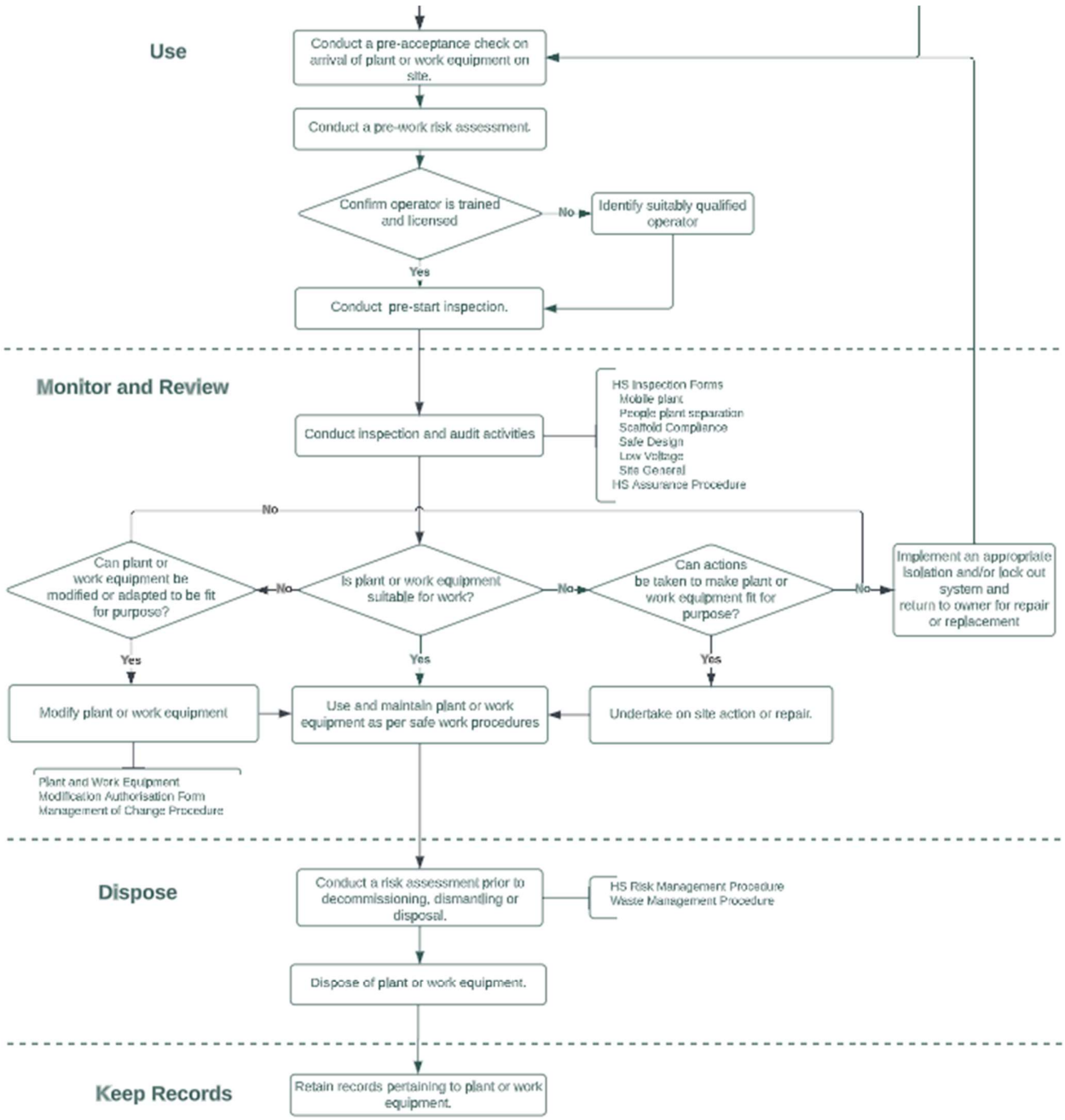

Plant and Work Equipment Procedure

Procedure

1 Identify Requirements

Plant and work equipment has the potential to introduce new hazards and risk into the workplace. The following steps are designed to ensure that plant and work equipment is:

- Required, or whether it can be sourced from existing assets;
- Selected and procured with consideration to new hazards that it may introduce;
- Evaluated for compatibility with existing control measures;
- Fit for purpose; and
- Compliant with any relevant requirements including Australian or International Standards.

Refer to **Plant and Work Equipment Risk Assessment Form (HS-FRM-0011).**

NOTE: Where the plant risk and work equipment assessment identifies new hazards or increased risk the site risk register shall be updated to include such findings.

1.1 Identify the Need for Plant or Work Equipment.

When work is to be conducted, an assessment needs to be made to establish whether Queensland Hydro has the necessary fit for purpose plant or work equipment with which to conduct the activity.

Once a need for plant or work equipment is identified, a review is required to identify whether a similar Plant and Work Equipment Risk Assessment has been undertaken for identical plant or work equipment which is < 24 months old.

Repeat purchase or hire of the same item may be covered by a previous Plant and Work Equipment Risk Assessment where:

- The evaluation is less than 12 months old;
- The item's proposed use has not been changed in any significant way;
- There have been no significant legislative changes; and
- The item will be used for the previously evaluated purpose.

Where standing arrangements are in place for repeat hire of identical equipment and a HS Plant and Work Equipment Risk Assessment has been completed within the last 12 months, it is considered that Queensland Hydro already has the plant or work equipment.

Once it is established that Queensland Hydro does not already have suitable or available plant or work equipment for the activity or that a Plant and Work Equipment Risk Assessment more than 12 months old for identical plant or work equipment, then commence the process to identify requirements for acquisition (e.g. purchase, hire etc.).

Where Queensland Hydro is to be the designer, manufacturer, direct importer, supplier, installer or commissioner of the plant or work equipment, additional requirements apply.

Refer to **Safe Design Standard (HS-STD-0014)** and **Design, Manufacture, Import, Supply and Installation of Plant Guideline (HS-GUI-007)** as well as the definitions of Registrable Plant and Registrable Plant Design in the Defined Terms section of this document.

1.2 Complete HS Acquisition Evaluation

Complete a Plant and Work Equipment Risk Assessment Form to identify and evaluate potential hazards of the plant or work equipment.

Any existing Queensland Hydro plant and work equipment specifications must also be reviewed and complied with when acquiring plant and equipment.

The outcome of the Plant and Work Equipment Risk Assessment of the plant or work equipment is an integral piece of information and shall be used to assist in the final decision to acquire the item. It shall also be taken into consideration where more than one supplier or version/model of the item is being considered.

This Plant and Work Equipment Risk Assessment must also be applied to replacement plant and any item that has the potential to introduce a HS hazard into the workplace which is not otherwise controlled by the existing control measures.

The Plant and Work Equipment Risk Assessment for the plant or work equipment should take place as early as possible in the purchasing cycle.

Information, documentation, specifications will need to be obtained from the supplier to complete the evaluation, and trials may also be requested to further enhance the process.

As part of the evaluation it is essential that workers who operate and maintain plant or work equipment be competent to perform their assigned tasks. The training and competency requirements for the worker's role include:

- Selection of the correct equipment and Personal Protective Equipment (PPE) for the task;
- A demonstrated ability to follow relevant documentation;
- A demonstrated ability to correctly inspect and use the plant or work equipment (including understanding the operating limits of the item);
- An understanding of the hazards, risks and controls associated with operating and/or maintaining the plant; and
- An understanding of procedures for handling faults and breakdowns.

Where hired equipment is used (including dry hire plant) workers shall receive specific instruction on the use of the item from the supplier. The **Pre-Work Risk Assessment Form (HS-FRM-0003)** shall be used to document this instruction.

Training shall be conducted in accordance with the Training and Competency Procedure, and Queensland Hydro shall maintain records of worker plant and work equipment competencies. Refer to **Training and Competency Procedure (HS-PRO-0008).**

Workers required to operate plant and work equipment that requires a High-Risk Work Licence under ***Work Health and Safety Regulation 2011 (Schedule 3)*** must hold the applicable licence.

Queensland Hydro shall ensure that systems are in place to verify that appropriate licences and competencies are in place and current. A valid licence and or evidence of competency must be provided prior to the use of the plant or work equipment.

1.3 Consult Workers About Controls

Where the risk assessment of the plant or work equipment has identified a need for controls, it is the responsibility of the requestor and their Supervisor/ Manager to ensure these requirements are met, or to facilitate the process to meet these requirements.

If any change is proposed that may directly affect the health and safety of workers, those workers affected by the change must be consulted in accordance with Queensland Hydro's **Communication and Consultation Procedure (HS-PRO-0002).**

The acquisition requestor and their Supervisor/Manager shall ensure all relevant documentation, including SWMS, SOPs and Risk Registers are updated with the proposed controls and they are in place prior to receiving and use of the item.

1.4 Approve Acquisition of Plant or Work Equipment

The Plant and Work Equipment Risk Assessment Form should be either attached to the purchase order or referenced on the purchase order and signed by the person who has approved the acquisition of the plant or work equipment.

It is the responsibility of the person who is requesting the item and their Supervisor/ Manager to keep a record of the risk assessment. All risk assessments for plant and work equipment should be stored such that it is linked to the Asset Register or the specific project record for the plant.

2 Acquire

Plant and work equipment that is acquired through any means (e.g. new purchase, used purchase, hire, gift, internal transfer, internal design, and manufacture, etc.) must undergo pre-acceptance checks, a risk assessment, a review of the relevant plant service history (for mobile plant).

2.1 Acquire the Plant or Work Equipment.

If the plant or equipment is to be purchased or hired, raise a purchase order with the approved supplier in accordance with financial delegations and the provisions of **Queensland Hydro's Contractor and Supplier HS Management Procedure (HS-PRO-0028).**

A record in the Asset Management Register should be created on the acquisition of an item of plant or work equipment (excluding hire). The relevant manufacturer's operating and maintenance manuals (or equivalent) shall be obtained, reviewed, added to the register and provided to the responsible Supervisors/Managers who have control of the plant.

Details on the following information should also be requested from the supplier/manufacturer where relevant:

- Installation and commissioning;
- Maintenance;
- Handling and storage;
- Decommissioning and disposal;
- Critical safety information;
- Correct use and competency requirements for operators; and
- Emergency procedures.

NOTE: There are legal implications where the design, manufacture, importation, installation, construction, commissioning and supply of plant or work equipment (to other parties) are involved. Where Queensland Hydro directly undertakes any of these activities, specialist advice should be sought in respect to legal compliance from the Corporate Legal Team and/or HS Team Relevant operational documentation, and inclusion on a relevant maintenance regime prior to use.

2.2 Conduct pre-acceptance checks.

Upon receipt, all items are to be checked using **Plant and Work Equipment Pre-Acceptance Checklist (HS-FRM-0030)** to confirm that they conform to the original Plant and Work Equipment risk assessment and that all relevant information and documentation is supplied (e.g. Original Equipment Manufacturer [OEM] Manuals). This remains the responsibility of the person acquiring the plant or work equipment and/or their Supervisor/ Manager.

Where identified by the original acquisition evaluation of the plant or work equipment, the item shall not be released until training has been delivered to those identified and those operating the plant have relevant licences to operate.

This process applies to items that are acquired via any means, including (but not necessarily limited to):

- Purchase (new or used);
- Hire; or
- Internal transfer from another department/site.

3 Internal Design and Manufacture

3.1 Risk Assessment

A risk assessment must be undertaken (or reviewed if pre- existing for the item) to ensure all hazards likely to affect the safety of persons operating, maintaining or inspecting the plant or work equipment are minimised to a level as low as reasonably practicable. Such control must be integrated into the design of the plant wherever possible.

The risk assessment must be undertaken using the **Plant and Work Equipment Risk Assessment Form (HS-FRM-00011)** in accordance with the Queensland Hydro **Safety in Design Standard (HS-STD-014)** and **HS Risk Management Procedure (HS-PRO-0007).**

If the plant or work equipment is identical to an item already in use at Queensland Hydro for which there is a current risk assessment, that risk assessment will be sufficient, and a new risk assessment need not be undertaken.

Where controls have been identified to manage the risks of plant or work equipment introduced into the workplace, these must be appropriately documented in accordance with **section 1.3** of this document

The risk assessment and associated documentation should involve a selection of workers who will be working with the plant as per the requirements outlined within the Communication and Consultation Procedure.

The responsible Manager shall ensure these controls are implemented and monitored for effectiveness, maintained, and communicated to all relevant personnel prior to working with the applicable item of plant.

All operational documentation shall be reviewed in consultation with end users of the plant and work equipment to identify if there are any updates or new documents required. Operational documents may include safe work instructions, Safe Work Method Statements (SWMS) or other formats of safe operating procedures.

3.2 Register

Workplace Health and Safety Queensland (WHSQ) require some items of plant and certain plant designs to be registered. ***Schedule 5, Part 2 of the Work Health and Safety Regulation 2011*** provides a full list of these items ("registrable plant").

The Manager who is responsible the plant or work equipment must ensure that the registration is completed initially and then renewed each year (this includes updating registration details for transferred or second-hand assets). Information about plant registration can be found on the WHSQ website. Once confirmation of the registration of the plant has been received this information must be entered into the Asset Management register.

4 Inspection and Maintenance

An inspection, maintenance and testing regime must be established and carried out by a competent person based on any or all the following as applicable and available:

- Compliance requirements;
- Any component manufacturer's recommendations;
- The advice of a competent person;
- Any relevant industry standards; and
- Risk assessment outcomes.

Where maintenance intervals are not able to be determined from reference to the above sources, inspection must be conducted at least annually.

The plant or work equipment must be updated in Asset Management Register to ensure this inspection and maintenance is conducted according to scheduled arrangements. Relevant records must be maintained relating to the item's operation, inspection, servicing, and maintenance (including major repairs or modifications), registration and risk assessment.

4.1 Compliance Inspections

The following safety critical equipment must be inspected by a competent person at intervals specified in the Queensland Hydro Asset Register:

- Fire Equipment
- First Aid kits
- LV Rescue and Release equipment
- Slings and Rigging Gear
- Hydraulic Crimp Tools

- Ladders
- Lanyards, harnesses, static lines, attachment points, attachment straps, rescue from height equipment.

NOTE: Such inspections do not eliminate the need for in service inspections prior to use by the user.

4.2 Calibration and Certification

All Inspection, Measuring and Test Equipment (including torque wrenches, breathalysers, gas monitors etc.) must be calibrated, or otherwise identified as 'Indication Only'

An Inspection, Measuring and Test Equipment Schedule must be established and maintained for all inspection, measuring and test equipment. Calibration records are maintained and traceable to the equipment. All records of inspections and tests must traceable to the equipment.

The ongoing inspection, testing, calibration and certification requirements for the plant or work equipment shall be determined, implemented, and controlled according to the operating risk, and legal and manufacturers requirements. These details shall be entered into the Asset Management register. All electrical equipment including appliances, power tools, lights, extension leads and RCD/ELCB boxes are uniquely identified and tested and tagged

4.3 Equipment Supplied by Contractors

Inspection of equipment not owned by Queensland Hydro (eg scaffolds) is the responsibility of the engaged contractor. The contractor or subcontractor must provide documentary evidence of inspection and current state of serviceability.

5 Commission

All plant and work equipment must be properly commissioned and tested prior to use to verify the operation of safety critical functions, the connection or installation of complementary services and equipment, and the implementation of any manufacturer's instructions.

These requirements also apply to plant or work equipment being used after an extended period of storage, which should be re-commissioned by carrying out the same level of testing as when it was first commissioned.

Conduct commissioning activities based on specialist advice and manufacturer's instructions.

6 Use of plant and equipment

Use of plant and equipment must consider pre-acceptance assessment, the training and competency of operators, specific licenses or qualifications required, periodic inspection, compliance with Safe Work Procedures, maintenance, and ongoing fitness for purpose and supervision.

6.1 Pre-acceptance check

Upon arrival at site, all items are to be checked using the Plant and Work Equipment Pre-Acceptance Checklist to confirm that are in a compliant condition and fit for work.

This is a normally a one-off requirement that applies to the plant or work equipment upon its first arrival at site. However, If the plant or work equipment is subsequently removed from site and brought back again (e.g. after repair), the pre-acceptance check needs to be repeated.

6.2 Conduct a Pre-work Risk Assessment (PRA)

A work-environment risk assessment must also be undertaken to identify any hazards on the job, using Queensland Hydro's **Pre-Work Risk Assessment Form (HS-FRM-003).**

6.3 Operator Competence

The operator's licence or other relevant qualification must be sighted (electronic copies of qualifications are acceptable) (Training and Competency Procedure).

A Verification of Competency (VoC) shall be undertaken by a competent person initially prior to use and then periodically as required.

NOTE: Periodical VoC is recommended where substandard operator performance is identified as contributing to an incident or the plant has not been used for a significant amount of time.

6.4 Inspection

All plant shall have a pre-start inspection conducted before operation. Some items will require only a visual inspection, and others a documented inspection that needs to be recorded.

Operators will be made aware of pre-start inspection requirements during the training and Verification of Competency (VOC) process.

Where a logbook is supplied or a checklist has been created for the plant, the operator must complete this at the start of each day or shift.

Where installed, testing or verification of safety critical functions (such as fail safes, alarms and interlocks) on plant and work equipment shall also be conducted as part of the pre-start inspection.

Any defect observed during the pre-start inspection and/or PRA must be reported to a supervisor or other relevant person.

Any defective item of plant or equipment must be tagged as "out of service" in accordance with Queensland Hydro's **Lock Out and Tag Out Procedure (HS-PRO-0035)** .

6.5 Safe Work Procedures

Plant must only be used in accordance with Safe Work Procedures and or relevant SWMS, which must be available to workers. Unless a risk assessment undertaken by a competent person has determined that alternative use does not present increased HS risk, plant and work equipment must only be used for the purpose for which it was designed.

Once plant or work has been used it must be left in a state that does not create a HS risk. This includes securing the plant or work equipment from unauthorised or unintended use by following shut down procedures and removing items such as keys.

6.6 Ongoing Maintenance and Repair

Servicing and maintenance of all Queensland Hydro plant and work equipment is to be completed in accordance with the manufacturer's specifications and Queensland Hydro Safe Work Procedures.

7 Monitor And Review

Control measures must be maintained so that they continue to protect workers and other people from hazards associated with plant and work equipment. The control measures must be fit for purpose, suitable for the nature and duration of the work and installed and used correctly by workers.

7.1 Conduct Inspection and Audit Activities

Plant and work equipment shall be periodically assessed to ensure that it is still fit for purpose in accordance with the Queensland Hydro **Health and Safety Assurance Procedure (HS-PRO-0004).**

7.2 Equipment Identified as No Longer Fit for Purpose.

An assessment shall be undertaken to identify if the plant or work equipment can be repaired, modified or adapted to make it fit for purpose. The following precautions must be implemented prior to any remedial work being conducted:

- Plant and work equipment must be shut down and isolated;
- Work is to be carried out in an area that does not impact other activities;
- Replacement parts and consumables must meet or exceed the manufacturer's specifications;
- Work is to be carried out by competent persons and itemised records kept of the work undertaken; and
- Modification may be carried out only after a documented process that includes a risk assessment has been completed and approved in accordance with the **Management of Change Procedure (HS-PRO-0026)**

Modification of plant and work equipment must only be undertaken after a risk assessment has been undertaken using the Plant and Work Equipment Risk Assessment Form. This must address all the proposed changes, consultation with the manufacturer/ designer, and the written authorisation of the responsible Manager with management and control of the plant.

Plant design registration must also be updated if applicable. All approved modifications shall be recorded in the Asset Register. Unauthorised modification or other interference with plant and work equipment is not permitted.

7.3 Process Review

This procedure shall also be reviewed for ongoing effectiveness of controls and opportunities for improvement in accordance with Health and Safety Assurance Procedure (HS-PRO-0004).

8 Dispose

A risk assessment must be conducted prior to decommissioning, dismantling or disposal of plant and work equipment to determine any risks to health and safety.

The requirements outlined in this procedure will also apply where equipment is salvaged, redeployed, or held as specialist plant or work equipment in storage or on site as a spare.

8.1 Dispose of Plant or Work Equipment

8.1.1 Dispose of Plant or Work Equipment or Return to Supplier if Hired.

When Queensland Hydro owned plant is sold or transferred, the responsible Manager must ensure the safety risks arising from the condition of the plant or work equipment is managed to a level as low as reasonably practicable and that the purchaser or intended owner is given any applicable operation manuals and advised in writing of known hazards or risks.

Decommissioning or dismantling of plant must not be undertaken until a risk assessment is undertaken to establish that the activity can be conducted without HS risks.

Persons who decommission or dismantle plant must be competent and provided with any relevant information for eliminating or HS risks.

During the processes of decommissioning and dismantling of plant, inspection must be undertaken to ensure that HS risks are monitored.

9 Retain Records.

Records on plant and work equipment must be developed and maintained for all plant and work equipment including registers, manuals and manufactures' information, certificates etc.

The following records shall be maintained:

- Plant or work equipment registers either electronically or manually;

- Details from any required plant or work equipment registration;
- Inspection and examination details for all pressure equipment;
- Manuals and other manufacturers' information for the plant as required, including safety and environmental information, and maintenance criteria;
- Risk assessment and other supporting documentation for the plant;
- Documentation applicable to the plant, such as work instruction, log book records, checklists, testing, calibration, compliance statements, test certificates, modifications, inspections and maintenance records;
- Personnel certificates of qualification and competencies, and;
- The unique plant identification number

Responsibilities

Who	What
Executive General Manager	The accountable Executive General Manager is responsible for exercising due diligence to oversee the systems (i.e. Procedures and work practices) are in place and remain effective for: - Providing and maintaining a safe working environment; - Identifying hazards and controlling risks associated with plant and equipment use; - Safely using, handling, and storing plant and work equipment; - Providing workers using plant and equipment with adequate information and training; and - Providing adequate supervision for workers using plant and equipment.
Managers	Managers are responsible for ensuring that safe procedures and work practices are implemented for: - Providing and maintaining a safe working environment; - Identifying hazards and controlling risks associated with plant and equipment use; - Safely using, handling, and storing plant and work equipment; - Providing workers using plant and equipment with adequate information and training; and - Providing adequate supervision for workers using plant and equipment.
Workers	Workers are responsible for ensuring that Safe Work Procedures and work practices are complied with for: - Taking care of the health and safety of themselves and others; and - Fulfilling the requirements of this Procedure, including: - Participating in plant and equipment risk assessments; - Performing pre-start inspections on plant and work equipment; and - Only operating plant and equipment which they are competent and authorised to operate (including maintenance of current licences).
Acquirer	The acquirer of plant and equipment is responsible for ensuring a risk assessment has been conducted upon the acquisition of the item as per the requirements of this procedure and the Plant and Work Equipment Acquisition Evaluation Form.

Defined Terms

Terms	Definition
Acquire	The obtaining of plant or work equipment by any means. Includes but is not necessarily limited to purchase, hire, lease, gift or loan.
Competent Person	A person who has acquired, through training, qualification or experience, the knowledge and skills to carry out the task specified or relevant to the subject matter and can provide assessment, advice and analysis of the task using the relevant codes of practice, standards, methods or literature. A competent person has a more specific meaning in the following circumstances: … For inspection of plant for registration purposes the person must have educational or vocational qualifications in an engineering discipline relevant to the plant being inspected, or knowledge of the technical standards relevant to the plant being inspected, or … For inspection of mobile cranes and tower cranes the person must have skills, qualifications, competence, and experience to inspect the plant and be registered under a law that provides for the registration of professional engineers or be determined by the WHS regulator to be a competent person.
High Risk Plant	High Risk Plant means the following: … Air conditioning unit; … Amusement device; … Cooling tower; … Escalator; … Lift; and … LP gas cylinder. Source: *Schedule 1 of the WHS Act 2011*
High Risk Work Licence	A licence to perform High Risk Work (HRW) is part of a system which authorises individuals to carry out particular classes of work. There are 29 HRW licence classes (for example scaffolder, dogger, tower crane operation, forklift operation). This national system has been incorporated into *Work Health and Safety Regulation 2011*.
Plant	Plant includes any machinery, equipment, appliance, container, implement and tool, and includes any component or anything fitted or connected to any of those things.
Registrable Plant	Any item of plant which requires registration with Workplace Health and Safety Qld under Schedule 5, Part 2 of the *Work Health and Safety Regulation 2011.*
Registrable Plant Design	Any plant design which requires registration with Workplace Health and Safety Qld under Schedule 5, Part 1 of the *Work Health and Safety Regulation 2011.*
Shall / Will / Must	Indicates that a statement is mandatory.
Should	Indicates this requirement is recommended and should be complied with where possible.
Original Equipment Manufacturer (OEM)	An original equipment manufacturer (OEM) is generally perceived as a company that produces non-aftermarket parts and equipment that may be marketed by another manufacturer.

References

Document code	Document title
HS-STD-0013	Plant and Work Equipment Standard
HS-PRO-0040	Isolation and LOTO Procedure
HS-FRM-0040	Plant and Work Equipment Pre-Acceptance Checklist
HS-FRM-0047	Plant and Work Equipment Acquisition Evaluation Form
HS-FRM-0011	Plant and Work Equipment Risk Assessment Form
HS-FRM-0020	Pre-Work Risk Assessment Form
HS-PRO-0002	Communication and Consultation Procedure
HS-PRO-0007	HS Risk Management Procedure
HS-PRO-0008	Training and Competency Procedure
HS-PRO-0029	Contractor and Supplier HS Management Procedure
HS-STD-0014	Safe Design Standard
Legislation	Work Health and Safety Act 2011 (Qld) (Part 2, Part 4)
Legislation	Work Health and Safety Regulation 2011 (Qld) (Chapter 5 Plant and Structures)
Legislation	Electrical Safety Act 2002 (Qld)
Legislation	Electrical Safety Regulation 2013 (Qld)
Code of Practice 20221 (Qld)	Managing risks of plant in the workplace
Code of Practice 2021 (Qld)	Safe design of structures
Electrical Safety Code of Practice 2021	Managing electrical risks in the workplace
AS/NZS 3760	In-service safety inspection and testing of electrical equipment
AS/NZS 4024	Safety of machinery (Series)
AS/NZS 4024	Safety of machinery (Design of controls, interlocks and guards – Prevention of unexpected start-up)
AS/NZS 1170	Structural design actions - General Principles (Series)
AS/NZS 1200	Pressure equipment
AS 2359	Powered industrial trucks series (Series)

AS/NZS 4024	Safety of machinery - Electrical equipment of machines - General requirements
AS 4343	Pressure equipment – Hazard levels
AS 4973	Industrial trucks - Inspection and repair of fork arms in service on fork-lift trucks
AS 4983	Gas fuel systems for forklifts and industrial engines
AS/NZS 62061	Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems
AS/NZS ISO 45001	Occupational Health and Safety Management Systems