Preservation Management Guidelines

100RH-0000-PS-GUI-2005

13-Mar-2012
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</table>
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1 INTRODUCTION

1.1 Overview

The Roy Hill Project includes a new iron ore mine at the Roy Hill deposit, a mine process plant, a heavy haul railway system from mine to port and new port facilities at Boodarie Industrial Estate, south west of Port Hedland, Western Australia.

The Roy Hill deposit is located approximately 277 kilometres due south of Port Hedland and is at the eastern end of the Chichester Range in the Pilbara region of Western Australia.

The mine, rail and port facilities will be designed to produce 55 million tonnes per annum (Mtpa) of Hematite direct ship ore (DSO) as Lump and Fines.

1.2 Purpose

This purpose of this guideline is to define the principles and methodology required to ensure that equipment and systems are stored correctly and preserved during all phases of the project, up until takeover by the Principal.

The guideline provides the Contractor with guidance regarding how to define and implement such a program. The Contractor shall maintain appropriate records (electronic and hard copy) documenting its preservation management activities.

Specific preservation requirements of suppliers shall be followed as far as possible. If there is a conflict between a supplier's recommendation and the recommendation in this guideline, then the supplier's recommendation shall take precedence so as not to jeopardise the supplier's warranty.
## 2 DEFINITIONS AND ABBREVIATIONS

### 2.1 Definitions

Table 2-1: Definitions

<table>
<thead>
<tr>
<th>TERM</th>
<th>DEFINITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Care Custody &amp; Control</td>
<td>The facility or discrete portion of the facility responsibility is transferred to operate, maintain and care. The Project shall deem this as Practical Completion and the commencement of the defects liability period.</td>
</tr>
<tr>
<td>Contractor</td>
<td>means the person bound to carry out and complete WUC stated in Item 3</td>
</tr>
<tr>
<td>Commissioning</td>
<td>The management, development, planning, site preparation and execution for the final stages of a project, during which time new or upgraded plant and equipment is checked, tested, commissioned and started up to operational status. Commissioning commences during the construction phase (Commissioning Stage 1 - Mechanical Completion) and culminates with the facility started up to operational status.</td>
</tr>
<tr>
<td>Commissioning Management Tool (CMT)</td>
<td>CMT is a software application and management tool that controls commissioning execution. The Commissioning is controlled at system, subsystem and tag level, check sheets, commissioning procedures, punch lists, handover certificates, preservation activities, and applicable project data is controlled and managed by CMT.</td>
</tr>
<tr>
<td>Handover</td>
<td>A handover is a key event that takes places at key stages in the completions process. Typical handovers are achieved at the stage gates with the final handover being practical completion as defined in the contract</td>
</tr>
<tr>
<td>Initial Preservation</td>
<td>The application of specified preservatives and fitting of specified protection to any equipment/system by suppliers prior to delivery, to maintain the equipment/system unimpaired.</td>
</tr>
<tr>
<td>Maintenance Preservation</td>
<td>The periodic activities to confirm that the initial preservation is intact and functioning. This also includes repair of deteriorated initial preservation</td>
</tr>
<tr>
<td>Material Safety Data Sheets</td>
<td>Each country has its own Toxicological/Hazardous material legislation, each the contractor shall ensure that the MSDS sheets are acceptable to the legislative body where the equipment will be fabricated and installed.</td>
</tr>
<tr>
<td>Preservation</td>
<td>The activities and reporting necessary to ensure plant and equipment are maintained and protected from damage, harm or deterioration. Preservation includes regular inspection and recording of status as well as undertaking the necessary corrective action to ensure that the plant and equipment are maintained to the same condition as when they left the factory.</td>
</tr>
</tbody>
</table>
### TERM | DEFINITION
--- | ---
project | means the Roy Hill iron ore project;
**Punch List** | A controlled list identifying outstanding or non-conforming items (by system, sub-system and discipline) at a specific milestone. The punch list will also include criticality, remedial action, responsible parties and expected completion date.
scope of work | means the scope of work forming part of the Principal’s project requirements;
site | means the lands and other places described in Item 6D to be made available to the Contractor by the Principal for the purpose of the Contract;
Sub-System | A Sub-system is a subdivision of a System and performs a partial operational function to the System, with no or little interference from the other Sub-systems; and can be commissioned as a whole.
sub-suppliers | means a person or entity engaged under purchase order or contract by suppliers to perform work and/or provide services in relation to the project.
supplier | means a person or entity engaged under purchase order or contract to perform work and/or provide services in relation to the project;
System | A System is a major subdivision of a facility, plant or installation, being either process or utility that performs a major operational function; and can be commissioned as a whole. A System includes all the various equipment that allows it to operate (e.g. a firewater system would include all the piping, the pumps and motors, the electric cabling, the instrumentation and controls etc.).
Tag/Element | A label used to uniquely identify a single component of plant
Takeover | A stage gate at the end of Stage 4 commissioning, where care, custody and control is transferred to the Principal.
**WUC (from 'work under the Contract')** | means the work which the Contractor is or may be required to carry out and complete under the Contract and includes variations, remedial work, construction plant and temporary works;

### Table 2-2: Abbreviations

<table>
<thead>
<tr>
<th>ABBREVIATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMT</td>
<td>Commissioning Management Tool</td>
</tr>
<tr>
<td>MSDS</td>
<td>Material Safety Data Sheets</td>
</tr>
</tbody>
</table>
## 3 REFERENCED DOCUMENTS

Table 3-1: Reference Documents

<table>
<thead>
<tr>
<th>DOCUMENT NUMBER</th>
<th>DOCUMENT TITLE</th>
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<tbody>
<tr>
<td>100RH-0000-CO-GUI-2001</td>
<td>Commissioning Guidelines for Contractors</td>
</tr>
<tr>
<td>100RH-0000-PS-SPC-2001</td>
<td>Packing, Marking And Shipping Specification</td>
</tr>
</tbody>
</table>
4 RESPONSIBILITIES

4.1 The Contractor

The contractor shall be responsible for:

- Ensuring the materials and equipment within its scope of work are stored correctly and well preserved.
- Ensuring that preservation requirements are included in purchase orders and are enforced prior to delivery as stated in supplier documents.
- The preservation of all contractor supplied materials/equipment from the time of receipt at site until takeover by the Principal.
- Ensuring equipment and materials are stored and protected as required by specifications and suppliers’ procedures.
- Maintaining preservation routines recommended by suppliers and documenting preservation activities for all equipment delivered to site during the project until takeover by the Principal.
- Ensuring that material safety data sheets (MSDS) for any products that the Contractor uses or procures are available at site.
- Issuing a storage plan (including climatically controlled storage) indicating the proposed location for storage of project equipment.
- Submitting detailed preservation procedures, based on the requirements set out in this guideline, for Principal review and acceptance.
- Procurement of the required preservation materials.
- Maintaining a preservation database for issuance of preservation schedules and preservation check sheets. This may be a module within the Contractor’s CMT, or a stand-alone database.
- Facilitating regular inspections by the Principal to verify compliance with preservation procedures.
- Provision of preservation status reports, including preservation records, to the Principal on a weekly basis.
- Equipment receipt inspections and arrangement of storage per the supplier’s recommendations.

Furthermore, the contractor shall ensure that its suppliers observe the following requirements:

- Carrying out and documenting preservation performed by suppliers at their works.
- Preservation of all equipment in the care of suppliers during the fabrication/manufacturing phase.
- Provision of storage and preservation procedures for the supplier’s scope of supply, taking into account all climatic conditions likely to be encountered at project locations, including during
shipping and transportation. These procedures shall also provide for instances where equipment has been installed and then left idle until start up.

- Identification and documentation of any applied preservative compounds. Details of these materials shall include brand names, types, etc. and be referenced within the supplier’s preservation procedure(s).

- Provision of MSDS for protection and preservation materials used by suppliers.

- Preservation of all equipment from sub-suppliers. Suppliers are responsible for ensuring, and shall provide documentary evidence that, equipment purchased from sub-suppliers is stored and preserved strictly in accordance with the sub-suppliers’ instructions.

- Maintenance of a Preservation Log, or database, by suppliers for equipment in the care of suppliers during the fabrication/manufacturing phase.

- Provision of a preservation register defining the preservation in place at the time of shipment and the longevity/health of that preservation.

4.2 The Principal

The Principal will carry out regular audits to ensure that materials and equipment are being preserved in accordance with the Contractor’s approved preservation procedures.

The Principal will assume responsibility for managing preservation of equipment from the time of takeover. This will comprise a formal handover of care, custody and control from the Contractor to the Principal.
5 PRESERVATION PROCEDURES

5.1 General
This guideline covers the storage, protection and preservation of all equipment and packaged systems through each phase of the project. It includes the requirement for the Contractor to prepare, and submit for Principal review and acceptance, detailed Preservation Procedures.

Specific preservation requirements of suppliers will be followed as far as possible. If there is a conflict between suppliers’ recommendations and the recommendations in this guideline, the suppliers’ recommendation shall take precedence.

The extent of preservation will depend upon the anticipated period that the equipment is to be preserved. This shall be agreed between the Principal and the Contractor.

5.2 Initial Preservation
The Contractor shall develop preservation procedures covering all project phases. Initial preservation shall be based on specified storage conditions for an applicable duration. Any additional preservation specific to particular equipment during storage and construction shall be identified, and details of requirements documented within the relevant procedure.

The Contractor shall be solely responsible for the inspection of equipment upon receipt at site and the care and cleanliness of equipment during offloading, handling, storage and construction. The Contractor shall ensure a standard of care and cleanliness appropriate to the type and duty of the equipment in compliance with purchase order requirements and supplier procedures.

Outdoor storage is only suitable for equipment previously prepared for outdoor storage by the supplier. Maintenance preservation shall be carried out during the storage period when required. For special or sensitive equipment designated store rooms shall be heated or air conditioned, ventilated, dry and clean depending upon geographical location.

Exposed external machined surfaces shall be fully coated with a rust preventative wax, which can be easily removed if required.

Pipe work shall be sealed at both ends after being certified clean on delivery.

5.3 Maintenance Preservation
During function testing and commissioning phases the Contractor is responsible for all equipment and system maintenance preservation which is to be carried out strictly in accordance with the equipment supplier’s instructions. This shall include but not be limited to:

- Preservation maintenance according to purchase order requirements and supplier preservation procedures.
- Recording preservation activities on Preservation Log sheets and database.
• Reporting damage or removal of any preservation. The damaged equipment shall be recorded on the punch list for the associated package or tagged item of equipment.

• Filling out preservation labels and fixing them to the equipment. These labels shall be signed each time maintenance preservation is carried out. An example of a typical label is shown in Appendix 1.

• Proposing alternative preservation products where products previously recommended turn out to represent a safety or health risk to personnel, equipment or the environment.

Upon successful completion of Stage 4 Commissioning, responsibility for preservation will pass to the Principal.

5.4 Preservation Frequency of Inspection

Typical intervals used on the checklist are as follows:

<table>
<thead>
<tr>
<th>Period codes</th>
<th>Inspection Frequency</th>
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<tbody>
<tr>
<td>D</td>
<td>Daily</td>
</tr>
<tr>
<td>1</td>
<td>Weekly</td>
</tr>
<tr>
<td>2</td>
<td>2 weeks</td>
</tr>
<tr>
<td>4</td>
<td>4 weeks</td>
</tr>
<tr>
<td>8</td>
<td>8 weeks</td>
</tr>
<tr>
<td>12</td>
<td>12 weeks</td>
</tr>
<tr>
<td>24</td>
<td>24 weeks</td>
</tr>
</tbody>
</table>

Preservation inspections carried out at the longer frequency periods are to include the checks from the lower frequency periods.

If preservation is removed or damaged due to normal construction or commissioning activities, or for any other reason, then the Contractor shall rectify or reinstate the preservation.

5.5 Typical Inspection Checks

Preservation checks to be included in preservation checklists shall include, but not be limited to:

Daily

• All anti-condensation heaters shall be energised continuously throughout storage and construction and checked daily.
• For controlled environment storage of delicate instrumentation and telecommunications equipment, the climatic conditions, such as humidity, shall be checked daily to ensure they are within defined ranges.

• For equipment protected by an inert gas blanket, pressure shall be checked daily, unless otherwise specified.

**Weekly**

• All items shall be externally inspected weekly for visible signs of damage or deterioration and repaired as necessary.

• Temporary seals and protective coverings shall be inspected weekly and replaced or repaired as necessary.

• Vessels shall be inspected externally and any necessary preservation applied.

• Compressors and Pump shafts shall be rotated 2.25 turns if not in conflict with the vendor recommendation.

• Oil levels in bearing housings shall be checked.

**Monthly**

• Flange facings, other gasket surfaces, fittings and threaded adjusters (for example, spring supports, strainers, hoses, gaskets, nuts and bolts) shall be inspected monthly. Preservative shall be applied as required.

**5.6 General Preservation requirements**

The *Contractor* has full responsibility for preservation of equipment until delivery, and for ensuring that the equipment is initially preserved in accordance with its approved preservation procedures. Requirements within its preservation procedures shall include, but not be limited to:

a) Necessary periodical survey shall be carried out as per preservation maintenance checklists.

b) Sensitive equipment shall be stored indoors in a heated / air conditioned and humidity controlled storage areas depending upon geographical location.

c) Threaded openings shall have metal plugs of metallurgy equal to the component being capped or plugged. If IP rating is maintained, plastic plugs are acceptable for non-hydraulic/pneumatic systems.

d) Drain out lines and vessels ensuring that no water is trapped in system.

e) Bulk carbon steel piping shall be delivered coated with corrosion inhibitor (inside and outside) and fitted with end caps. The corrosion inhibitor shall be an easily removable preservation agent.

f) Lubricate door hinges, grease nipples and fastener.

g) All exposed unpainted-machined surfaces shall be coated with rust preventive wax.
h) Cover all glasses in instruments/panel fronts, with minimum 6mm plywood.

i) Sheeted cloth shall be used to envelop pressure gauges, controllers, panels, junction boxes, temporary instruments, telecom equipment, detectors, transmitters, heaters, pushbuttons, and connection boxes.

j) Apply thin layer of acid free Vaseline or equal to gaskets on door covers.

k) All ball valves shall be locked in open position.

l) All exposed valves spindles shall be covered with grease tape, Teflon lubricant and vulcanizing tape or equal.

m) Packing of equipment for transportation and under erection shall protect the equipment against humidity, dust and mechanical strain, which may occur during outdoor storage, loading and construction. The enclosure used for this purpose shall allow access for stripping down the unit, enable receipt control, maintenance preservation and be provided with hatches for lifting, hook-up of piping, electrical/instrument cables and tubing without removing the entire enclosure.

n) All surfaces exposed to welding and grinding splatter shall be protected with fire-resistant aluminium-sheeted glass fibre cloths or similar fire-resistant material. Specific consideration should be made to stainless steel contamination.

o) General clean up routine and good housekeeping is a prerequisite for successful execution of preservation.

p) Any equipment, pipe, valve etc. delivered to site without sealed covers or plugs on openings shall be inspected and cleaned as necessary and covers or plugs fitted. Flanged openings shall be blinded by use of 2 mm rubber gaskets and steel or water resistant plywood plate with galvanised bolts sufficient to give mechanical protection and to prevent ingress of water and other foreign matters.

q) Desiccant shall not be in direct contact with metallic surfaces.

5.7 Status Reporting

The Contractor shall provide weekly preservation status reports, including preservation records, to the Principal indicating the preservation status of materials and equipment within its scope of work.

If the Contractor finds that the initial preservation performed by its suppliers is acceptable, then it shall input the date of inspection for the item of material or equipment into the Preservation Log and commence the requisite preservation program in accordance with its approved preservation procedures. If the Contractor has to carry out outstanding initial preservation, or restore the preservation, then it shall input the relevant date of completion into the Preservation Log after the corrective work has been performed and then commence the requisite preservation program.
5.8 Inspection of Preserved Equipment Prior to Release

Suppliers’ equipment shall be the subject of an inspection to ensure that the equipment preservation is strictly in accordance with the Contractor’s approved preservation procedures. This inspection shall be noted as a “Hold Point” on the suppliers’ Inspection Test Plans (ITPs).

Prior to packing materials or equipment for transport, the supplier shall undertake an inspection to identify any external damage to equipment, indications of moisture damage, oxidation, degradation of applied preventative compounds etc..

The Contractor shall produce a preservation check sheet for Principal review and approval prior to releasing equipment for shipping. This check sheet shall be based upon the minimum requirements within this guideline. An example of a preservation check sheet is provided in Appendix 2 of this guideline.

5.9 Inspection of Equipment on Receipt

The Contractor shall regard all supplier special instructions noted on packing crates, or in the shipping papers, as mandatory requirements during handling, storage and preservation. Any special instructions shall also be noted on the preservation record.

The Contractor shall inspect all materials and equipment received at site to establish the status of initial preservation carried out its suppliers’ premises, and perform any necessary remedial preservation in accordance with its preservation procedures.

5.10 Storage

The Contractor shall be solely responsible for the care and cleanliness of materials and equipment within its scope of work during offloading, handling, storage and construction. The Contractor shall at all times ensure a standard of care and cleanliness appropriate to the type and duty of the equipment. The Contractor shall also ensure that:

- Storage is in a clean paved area, or alternatively on timber baulks, away from construction working areas.
- Equipment is stored with all nozzles or support steel clear of the ground.
- Equipment transportation supports or saddles are checked for soundness and repaired as necessary.
- Equipment designated “open air storage” is provided with a complete tarpaulin covering with adequate ventilation.
- Store rooms have adequate racks and shelving installed.
- Equipment is stored safely and in such a way that removal or transfer of one item will not cause damage to other items.
- Special attention is paid to lightning protection for equipment stored in outdoor areas.
5.11 Environmental Conditions

The Contractor shall refer to the criteria set out in the Principal’s Basis of Design documents to establish the relevant environmental conditions likely to be encountered at site, and ensure that its preservation procedures are appropriate for these conditions.

5.12 Construction and Weather Protection

During fabrication, installation and construction, temporary protective covering may need to be erected around equipment skids and such special equipment as inline instruments, valves, pumps, electric motors etc. This temporary protection shall be non-flammable. It is the Contractor’s responsibility to maintain the integrity of this protective covering until such time that it is no longer required.

5.13 Preservation Equipment List

To administer the periodic preservation requirements of equipment and systems, and to record the status of the same, the Contractor shall provide lists of tag numbers for equipment that requires preservation.

The Contractor shall update and indicate the preservation dates, for last and next preservation checks, for each item requiring inspection in its Preservation Log.

5.14 Preservation Labels

Preservation labels (see Appendix 1 for example) shall be attached to equipment as soon as initial preservation has been confirmed on equipment delivered to site.

Labels shall be of the tie-on type and shall have provision for signatures and dates verifying the preservation and maintenance during storage and installation. Labels shall be attached in a clearly visible location.

Labels shall be fitted such that:

- Stand-alone tagged equipment shall have one preservation label fixed to each tag.
- Skid-based equipment shall have one label for the main tag, and additional labels for each item of rotating equipment and each item of electrical equipment that is to be insulation-resistance-tested.
Appendix 1 – Example Preservation Equipment Label

<table>
<thead>
<tr>
<th>TAG No.</th>
<th>P_CODE</th>
<th>DATE</th>
<th>SIGN</th>
<th>DATE</th>
<th>SIGN</th>
<th>DATE</th>
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</thead>
<tbody>
<tr>
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<th>SIGN</th>
<th>DATE</th>
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<th>SIGN</th>
<th>DATE</th>
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<th>SIGN</th>
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<th>SIGN</th>
<th>DATE</th>
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<th>TAG No.</th>
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<th>SIGN</th>
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</tbody>
</table>
### Appendix 2 – Example Supplier Preservation Check Sheet

<table>
<thead>
<tr>
<th>Workpack No.</th>
<th>System No</th>
<th>Subsystem No</th>
<th>System Description</th>
<th>Tag Number</th>
<th>Tag Description</th>
<th>Drawing Reference / Rev.</th>
<th>Print Date</th>
</tr>
</thead>
</table>

#### Notes:
1. All fields to be completed and initialled as appropriate
2. All entries on this sheet shall be written in blue pen as to define original sheet.
3. Correction fluid shall not be used on this sheet.

<table>
<thead>
<tr>
<th>No.</th>
<th>ACTION – CHECK/VERIFY/RECORD</th>
<th>OK</th>
<th>N/A</th>
<th>PL</th>
<th>Initial</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Supplier Preservation Procedure approved and available Preservation Procedure approved and available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Inspect for any damage, corrosion and moisture and report any problems</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Inspect for cleanliness of all equipment including inside pipework and panels, junction boxes etc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Inspect and ensure all pipe work flushed and thoroughly drained and dry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Inspect and ensure Stainless Steel pipe work flushed with demineralised water and thoroughly drained and dry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Drain Valves to be opened to verify system for dryness and then closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Valves spindles to be greased and where possible maintained in half open position</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>8</td>
<td>Mechanical and Piping Preservation applied as per the specification</td>
<td></td>
<td></td>
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<tr>
<td>9</td>
<td>Electrical equipment, control panels, junction boxes preservation applied as per specification.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>All Mechanical and Piping openings sealed and tightened as per specification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>All flanges are protected and covered close fittings protector (e.g. plastic cups)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Ensure Rust Preventives applied as per Preservation Procedure</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Ensure Grease lubrication applied as per Preservation Procedure</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Machined Surfaces and Threads coated with rust protective fluid (Shell ENSIS MD)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>All open ends of drains, vents, instrument tubing and small bore piping connections capped or plugged</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Threaded caps and plugs on threaded connections</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Vessel reinforcing pad tell-tales holes open and plugged with grease</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>All openings in electrical equipment, control panels, junction boxes sealed with permanent blind plugs</td>
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<td>19</td>
<td>Loose cable ends sealed using heat shrinkable cap or fusing rubber tape</td>
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<tr>
<td>20</td>
<td>Ensure correct preservation labels with dates are in place</td>
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## SUPPLIER PRESERVATION CHECK SHEET
### PR-01

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<th>Workpack No.</th>
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<th>Subsystem No</th>
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<th>Tag Description</th>
<th>Drawing Reference / Rev.</th>
<th>Print Date</th>
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### 21
Ensure flame paths are clean & have silicone grease on certified Exd equipment

### 22
All gland threads greased with vapour corrosion inhibitor lubricant

### 23
All earth connections painted with Chemodex Grease or equivalent

### 24
All equipment clearly labelled and tagged

### Record Rust Preventive and Grease Materials Application

<table>
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<tr>
<th>MIL Spec</th>
<th>Type</th>
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### COMMENTS:
- 
- 
- 
- 

Entered CMT (Yes / No)

### DESCRIPTION

<table>
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<tr>
<th>DESCRIPTION</th>
<th>TEST/ INSPECTION CARRIED OUT BY</th>
<th>TEST/ INSPECTION APPROVED BY</th>
<th>TEST/ INSPECTION ACCEPTED BY</th>
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Appendix 3 – Preservation Flowchart per Project Phase