Supplier Instruction

Inspection and Assurance Codes Definition
[Web Version]

Quality is: Right First Time Every Time

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NOTES TO SUPPLIERS

1. This document is part of the ASC Shipbuilding Purchase Order (PO) or Contract Terms and Conditions.

2. The ASC Shipbuilding PO or Contract specifies individual Inspection and Assurance Acronyms/Codes (including additional notes) and provides a link to the ASC Shipbuilding/BAESA Supplier Portal location of this document.

3. The Supplier is required to undertake an adequate PO or Contract Requirements Review (RR) prior to commitment to supply. For guidance on RR, please refer to the ASC Shipbuilding Supplier Quality Assurance Manual (SQAM) in the ASC Shipbuilding/BAESA Supplier Portal.

4. Suppliers must be aware that goods shall ‘at all times’, be supplied with the PO/Contract required OQE, meeting the Inspection and Assurance Acronyms/Codes Definitions (IACD) criteria. This will allow seamless receipting of the goods into the ASC Shipbuilding ERM system, facilitating RFT data collection, timely invoicing processing and payment.

5. The Supplier is to contact the ASC Shipbuilding Procurement Representative or the ASC Shipbuilding Supplier Quality Representative in the event that additional clarification is required.

OQE Delivery

6. Commodity Suppliers are required to provide the Purchase Order (PO) specified Objective Quality Evidence (OQE) via E-mail with files in PDF/electronic format to an ASC Shipbuilding nominated Outlook INBOX.

7. All PO specified OQE shall be provided in advance, or at least 3 days prior to the shipment of goods.

8. The title (or Subject line) of the E-mail is to be the ASC Shipbuilding PO number and Line item.

9. It is advisable for all OQE to be checked for completeness/compliance by an independent co-worker prior to submitting to ASC Shipbuilding.
## SECTION 1: GENERAL ACRONYMS

<table>
<thead>
<tr>
<th>ACRONYMS</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>A2LA</td>
<td>American Association of Laboratory Accreditation</td>
</tr>
<tr>
<td>AD</td>
<td>Authorised Distributor</td>
</tr>
<tr>
<td>ASCSB</td>
<td>ASC Shipbuilding Pty Limited (subsidiary of BAESA)</td>
</tr>
<tr>
<td>BAESA</td>
<td>BAE Systems Australia Limited</td>
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<tr>
<td>COC</td>
<td>Certificate of Conformance</td>
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<td>CTCL</td>
<td>Critical items/products</td>
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<td>DISP</td>
<td>Defence Industry Security Program</td>
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<td>EAR</td>
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<td>ERM</td>
<td>Enterprise Resource Management (ASCSB AVEVA)</td>
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<td>ETC</td>
<td>Equipment(item)Test Certificate</td>
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<td>FAI</td>
<td>First Article Inspection</td>
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<td>FD</td>
<td>Franchise Distributor</td>
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<tr>
<td>FPT</td>
<td>Functional Performance Test</td>
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<tr>
<td>HCFP</td>
<td>Hunter Class Frigate Program</td>
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<td>IACD</td>
<td>Inspection Assurance Acronyms/Codes Definitions (OQE Attributes)</td>
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<tr>
<td>IACS</td>
<td>International Association of Classification Societies</td>
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<td>IAW</td>
<td>In Accordance With</td>
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<td>IMTE</td>
<td>Inspection Measuring and Testing Equipment</td>
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<td>NATA</td>
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<td>OCM</td>
<td>Original Component Manufacturer</td>
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<td>OEM</td>
<td>Original Equipment Manufacturer</td>
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<tr>
<td>OQE</td>
<td>Objective Quality Evidence</td>
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<td>PCB</td>
<td>Printed Circuit Board</td>
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<td>PO</td>
<td>Purchase Order</td>
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<td>PPAP</td>
<td>Production Part Approval Process</td>
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<td>RFD</td>
<td>Radio Frequency Identification</td>
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<td>RFE&amp;T</td>
<td>Request for Examination and Test</td>
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<td>RFT</td>
<td>Right First Time</td>
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<td>RR</td>
<td>Requirements Review</td>
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<td>SHCK</td>
<td>Shock Certificate/Certified Statement</td>
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<td>SQAM</td>
<td>Supplier Quality Assurance Manual</td>
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## SECTION 2: INSPECTION AND ASSURANCE ACRONYMS/CODES DEFINITION LIST

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<td>FIRST ARTICLE INSPECTION</td>
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<td>CERTIFICATE OF CONFORMANCE – SUBCONTRACTOR FABRICATION</td>
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<td>COCOM</td>
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<td>2C</td>
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<td>COCTOM</td>
<td>CERTIFICATE OF CONFORMANCE- TRACEABILITY TO ORIGINAL MANUFACTURERS</td>
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<td>SAFETY DATA SHEETS (SDS) / HAZARDOUS MATERIAL DECLARATION</td>
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<td>PKEL</td>
<td>PACKAGING, ELECTRICAL ASSEMBLIES AND COMPONENTS (including Circuit Boards)</td>
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<td>ITAR / EAR SPECIFIED ITEMS</td>
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<td>CUT</td>
<td>CUT PARTS/REMNANTS (FOR SUBCONTRACTED FABRICATION)</td>
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<td>CERTIFICATES OF CONFORMANCE - FRANCHISED OR AUTHORISED DISTRIBUTORS</td>
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<td>FABRICATED ASSEMBLIES OR SUBASSEMBLIES</td>
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<td>EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 2.1</td>
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<td>EAI</td>
<td>ELECTRICAL CABLE ASSEMBLY INSPECTION DOCUMENTATION</td>
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<td>ECI</td>
<td>ELECTRICAL CABLE INSPECTION DOCUMENTATION</td>
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<td>LR</td>
<td>HCFTP LLOYDS REGISTER (LR) NAVAL RULES CERTIFICATION REQUIREMENTS</td>
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<td>FLEXIBLE HOSE QUALITY QOE REQUIREMENTS</td>
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<td>PKM</td>
<td>PACKAGING, IDENTIFICATION AND MARKING OF METALLIC PRODUCTS</td>
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<td>PKFH</td>
<td>PACKAGING, IDENTIFICATION AND MARKING OF FLEXIBLE HOSE ASSEMBLY</td>
<td>4C</td>
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<tr>
<td>PKCI</td>
<td>PACKAGING, IDENTIFICATION AND MARKING OF CERTIFICATION ITEMS</td>
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<td>CTCL</td>
<td>CRITICAL ITEMS (CTCL)</td>
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<td>LCS</td>
<td>LOAD CERTIFIED STATEMENT (LCS)</td>
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<td>SHCK</td>
<td>SHOCK CERTIFICATION (SHCK)</td>
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<td>ITP</td>
<td>INSPECTION AND TEST PLAN (ITP)</td>
<td>4H</td>
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<tr>
<td>VIB</td>
<td>VIBRATION CERTIFICATE</td>
<td>4I</td>
</tr>
<tr>
<td>WCCS</td>
<td>WELDING CONTROL CERTIFIED STATEMENT (WCCS)</td>
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<td>PRE-DELIVERY VERIFICATION INSPECTION (PDVI)</td>
<td>4K</td>
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<td>DIMENSIONAL INSPECTION REPORT (DIR)</td>
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<td>NON-DESTRUCTIVE TESTING (NDT)</td>
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<td>PTC</td>
<td>PRESSURE TEST CERTIFICATE (PTC)</td>
<td>4N</td>
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<td>CTC</td>
<td>CALIBRATION TEST CERTIFICATE (NEW OR REFURBISHED ITEMS)</td>
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<td>HTR</td>
<td>HEAT TREATMENT RECORD (HTR)</td>
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<td>RPNT</td>
<td>REGISTERED PLANT AND EQUIPMENT</td>
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<td>CED</td>
<td>CERTIFICATION OF EXPIRY DATE (PRESSURE VESSELS)</td>
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<td>ISR</td>
<td>INTERNAL CONDITION STATUS REPORT</td>
<td>4S</td>
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<td>HVR</td>
<td>HIGH VOLTAGE TEST REPORT</td>
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<tr>
<td>ITR</td>
<td>INSULATION TEST REPORT</td>
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<td>BST</td>
<td>BATTERY STORAGE</td>
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<tr>
<td>LAC</td>
<td>LIFTING ARRANGEMENTS CERTIFICATE</td>
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<tr>
<td>NOI</td>
<td>NOISE CERTIFICATE</td>
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<tr>
<td>NONE</td>
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### SECTION 3: INSPECTION AND ASSURANCE ACRONYMS/CODES DEFINITION

<table>
<thead>
<tr>
<th>ACRONYM</th>
<th>CODE</th>
<th>DEFINITION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GII</strong></td>
<td></td>
<td><strong>GOODS INWARDS INSPECTION</strong>&lt;br&gt;This PO is subject to Quality Control (QC) goods inwards inspection upon receipt to verify conformance of the product or service to the specified requirement. Measurement and/or testing is to be carried out in accordance with the requirements of this PO. All Objective Quality Evidence (OQE) as specified in the PO or Contract shall be submitted by the Supplier prior to ASC Shipbuilding inspection and acceptance.&lt;br&gt;&lt;br&gt;Note 1: The extent and methodology of inspection shall be defined in the ASC Shipbuilding Receipt Inspection procedure.</td>
</tr>
<tr>
<td><strong>FAI</strong></td>
<td></td>
<td><strong>FIRST ARTICLE INSPECTION</strong>&lt;br&gt;This PO is subject to First Article Inspection (FAI) upon receipt. The Supplier/subcontractor shall submit an authorised detailed report on the First Article, or the First Article itself shall be submitted by the Supplier/subcontractor for ASC Shipbuilding approval before continuing production (unless otherwise approved by ASC Shipbuilding).</td>
</tr>
<tr>
<td><strong>SI</strong></td>
<td></td>
<td><strong>SOURCE INSPECTION</strong>&lt;br&gt;Inspection at the Supplier/subcontractor’s premises by ASC Shipbuilding or an ASC Shipbuilding third party representative (e.g. Commonwealth of Australia (CoA), Ship Classification Society) shall be required prior to dispatch of the goods. The Supplier/subcontractor shall notify ASC Shipbuilding as advised on the PO to arrange for the Inspection to be performed.</td>
</tr>
<tr>
<td><strong>COCG</strong></td>
<td></td>
<td><strong>CERTIFICATE OF CONFORMANCE – GENERAL</strong>&lt;br&gt;Your signed document, Certificate/letter of Conformance (CoC) or equivalent (e.g. Authorised Release Certificate etc.), must accompany the goods certifying that the item(s) conform in all respects to the requirements of the PO and any referenced specification for the product. The CoC shall outline to the extent applicable, the following details:&lt;br&gt;- PO number/contract number and revision/issue number;&lt;br&gt;- PO line item number;&lt;br&gt;- Identification/item description including ASC Shipbuilding part number/manufacturer’s part no./description/serial number(s), etc.);&lt;br&gt;- quantity;&lt;br&gt;- batch and/or lot reference;&lt;br&gt;- rubber hardness and cure date;&lt;br&gt;- use by/shelf life/date of manufacture/expiry date;&lt;br&gt;- weight control certification (refer to Weight Certificate Acronym WCCD);&lt;br&gt;- cleanliness certification statement;&lt;br&gt;- software version number;&lt;br&gt;- condition; and&lt;br&gt;- certification clause relevant to their contracted supply and&lt;br&gt;- NSS/NATO number (if applicable).&lt;br&gt;&lt;br&gt;The CoC shall be signed by a person responsible/authorised for the quality of the delivered product (name and title to be stated).&lt;br&gt;&lt;br&gt;Any additional test data, reports and certificates required to accompany the goods shall be detailed on the PO.&lt;br&gt;&lt;br&gt;All deliveries (items/services) shall be inspected for the following, as applicable:&lt;br&gt;- Identification/item description (manufacturer’s part no./description/serial number(s), etc.);&lt;br&gt;- quantity;&lt;br&gt;- batch and/or lot reference;&lt;br&gt;- rubber hardness and cure date;&lt;br&gt;- use by/shelf life/date of manufacture/expiry date;&lt;br&gt;- quality (fitness for purpose);&lt;br&gt;- condition (free from obvious damage); and&lt;br&gt;- workmanship and Objective Quality Evidence (OQE) documentation.</td>
</tr>
</tbody>
</table>
• compliance to referenced specification(s).

Note: If additional Inspection and Assurance Acronyms/Code (I&AC) are not specified in the PO or the Contract, the Supplier is responsible for maintaining any other relevant certification records for the period specified in the PO/Contract or as required in the applicable Product Liability law. These records are to be submitted to ASC Shipbuilding on request.

COCSC

CERTIFICATE OF CONFORMANCE – SUBCONTRACTOR FABRICATION

Your signed document, Certificate/letter of Conformance (CoC) or equivalent (e.g. Authorised Release Certificate etc.), must be provided as required/directed in the PO or Contract, certifying that the item(s) conform in all respects to the requirements of the PO or Contract and any referenced specification for the product. The CoC shall outline to the extent applicable, the following details:

• PO number or contract number and revisions;
• PO or contract line item numbers;
• Identification (part no./description/serial number(s));
• Quantity;
• Batch and/or lot reference;
• Condition;
• Details of any approved concessions/waivers;
• Configuration of item;
• Certification clause relevant to their contracted supply;
• Weight control certification (refer to Weight Control Acronym WCCD);
• A copy of the Original Manufacturer’s coc shall be made available to ASC Shipbuilding on request; and
• Details of any relevant qualifications e.g. Approved data used to carry out repair, any necessary lifting, running hours, cycles, etc. To the next maintenance (for selected Australian repairer only).
• MDR in accordance with the required specification (if applicable).

The CoC shall be signed by a person responsible/authorised for the quality of the delivered product (name and title to be stated).

Any additional test data, reports and certificates required to accompany the goods shall be detailed on the PO.

All deliveries (items/services) shall be inspected for the following:

• Identification/item description (manufacturer’s part no./description/serial number(s), etc.);
• Quantity;
• Batch and/or lot reference;
• Rubber hardness and cure date;
• Use by/shelf life/date of manufacture/expiry date;
• Quality (fitness for purpose);
• Condition (free from obvious damage); and
• Workmanship and Objective Quality Evidence (OQE) documentation.
• Compliance to referenced specification(s)/acceptance criteria.

Notes:

(1) Where it is necessary for the subcontractor to make use of further subcontractor facilities, such facilities must hold ASC Shipbuilding approval for the scope of work to be undertaken.

(2) ASC Shipbuilding reserves the right to confirm that the copy of the original Manufacturer’s CoC is authentic in the case where the supplied goods are suspect, have export, or re-export concerns.

(3) Traceability to Original Manufacturer’s CoC is to be maintained by the subcontractor and made available to ASC Shipbuilding on request.

(4) If a copy or an electronically generated certificate is supplied a letter from the subcontractor is to be provided stating that the copy or printed CoC is to be recognised as the original.

(5) If additional Inspection and Assurance Acronyms/Code (I&AC) are not specified in the PO or the Contract, the Supplier is responsible for maintaining any other relevant certification records for the period specified in the PO/Contract or as required in the applicable Product Liability law. These records are to be submitted to ASC Shipbuilding on request.
COCOM

CERTIFICATE OF CONFORMANCE - ORIGINAL MANUFACTURER’S COPY

The "Original Manufacturer's Certificate of Conformance" (CoC) or equivalent (e.g. Authorised Release Certificate etc.), or an "ink signed certified true copy of the Manufacturer's Certificate of Conformance" must accompany the goods certifying that the item(s) conform in all respects to the requirements of the PO and any referenced specification for the product. The CoC shall outline to the extent applicable, the following details:

- Identification (part no./description/serial number(s));
- Batch and lot reference or heat number as applicable;
- Quantity;
- PO number/contract number and revision;
- Line number/item number;
- Rubber hardness and cure date;
- Use by/shelf life/date of manufacture/expiry date;
- Quality (fitness for purpose);
- Condition (free from obvious damage); and
- Workmanship and objective quality evidence (OQE) documentation.

Where applicable, certification clause relevant to their contracted supply.

Weight control certification (refer to Weight Control Acronym WCCD).

The CoC shall be signed by a person responsible/authorised for the quality of the delivered product (name and title to be stated).

Any additional test data, reports and certificates required to accompany the goods shall be detailed on the PO.

All deliveries (items/services) shall be inspected for the following:

- Identification (part no./description/serial number(s));
- Batch and lot reference or heat number as applicable;
- Quantity;
- Quality (fitness for purpose);
- Condition (free from obvious damage); and
- Workmanship and objective quality evidence (OQE) documentation.

Compliance to referenced specification(s)/acceptance criteria.

Note (1): If additional Inspection and Assurance Acronyms/Codes (I&AC) are not specified in the PO or the Contract, the Supplier is responsible for maintaining any other relevant certification records for the period specified in the PO/Contract or as required in the applicable Product Liability law. These records are to be submitted to ASC Shipbuilding on request.

COCTOM

CERTIFICATE OF CONFORMANCE - TRACEABILITY TO ORIGINAL MANUFACTURERS

The stockists or Suppliers (Franchised or Authorised Distributor) signed document, Certificate/letter of Conformance (CoC) or equivalent (e.g. Authorised Release Certificate etc.), shall include "traceability" to the following:

- Manufacturer’s CoC by serial number;
- Reference to any specifications/standards that the part(s) were manufactured against; and
- Batch and lot reference or heat number as applicable;

Where the manufacturer has supplied multiple batches of parts, references to all batches CoC shall be included in the stockist/Suppliers CoC.

Your signed document, Certificate/letter of Conformance (CoC), must accompany the goods certifying that the item(s) conform in all respects to the requirements of the PO and any referenced specification for the product. The CoC shall outline to the extent applicable, the following details:

- Identification (part no./description/serial number(s));
- Quantity;
- Condition; and
- Where applicable certification clause relevant to their contracted supply.

The CoC is to be signed by a person responsible/authorised for the quality of the delivered product (name and title to be stated).
Any additional test data, reports and certificates required to accompany the goods shall be detailed on the PO.

All deliveries (items/services) shall be inspected for the following:
- Identification (part no./description/serial number(s));
- Batch and lot reference or heat number as applicable;
- Quantity;
- Quality (fitness for purpose);
- Condition (free from obvious damage); and
- Workmanship and documentation.
- Compliance to referenced specification(s).
- Weight control certification (refer to Weight Control Acronym WCCD).

**Note:** (1) If additional Inspection and Assurance Acronyms/Codes (I&AC) are not specified in the PO or the Contract, the manufacturer is responsible for maintaining any relevant certification records for the period specified in the PO/Contract or as required in the applicable Product Liability law.

**Note:** (2) Original copies of the Manufacturer’s CoC shall be held by the Supplier or stockist as being traceable to each shipment and made available to ASC Shipbuilding on request.

### PPAP
**PRODUCTION PART APPROVAL PROCESS (PPAP)**
The Supplier shall submit a Part Submission Warrant and supporting documentation to ASC Shipbuilding for approval, before continuing with further production.

The Supplier shall submit the following data accompanied by the required order quantity:
- Part submission warrant;
- Dimensional results;
- Material test results;
- Performance test results (if specified on the drawing or PO); and
- Appearance approval report (if specified on the drawing or PO).

**Note:** The Supplier shall ensure the data and samples are available for review by an ASC Shipbuilding representative on an agreed date and time.

### TEC
**TEST EQUIPMENT CALIBRATION CERTIFICATE**
The test equipment certificate certifies that the equipment used to provide test results for the purchased item was calibrated in accordance with a nationally recognised standard with reports endorsed by NATA or an equivalent ISO/IEC17025 accredited testing organisation e.g. A2LA.

The certified statement shall include:
- Serial number.
- Date of next calibration due.

In lieu of the certified statement, copies of the calibration certificates may be provided.
SAFETY DATA SHEETS (SDS) / HAZARDOUS MATERIAL DECLARATION

The Supplier shall provide a (current revision) copy of Safety Data Sheets that are fully compliant with Australian health and safety laws (SA Workplace Health and Safety Regulations 2012, Chapter 7).

Safety Data Sheets must:

- Contain units measures that are legal in Australia;
- State the Date of Issue or last review within 5 years from current date;
- State the Australian manufacturer or importer including an Australian business address and telephone number;
- Australian emergency contact phone number;
- Be in English;
- Use GHS classification components including: Hazard statements; Signal Word; and Precautionary statements
- Use the 16 major headings/sections as set out in WHS Regulations:
  a) Section 1: Identification: Product identifier and chemical identity;
  b) Section 2: Hazard(s) identification;
  c) Section 3: Composition and information on ingredients (in accordance with Schedule 8 for disclosure of ingredients and proportions);
  d) Section 4: First aid measures;
  e) Section 5: Firefighting measures;
  f) Section 6: Accidental release measures;
  g) Section 7: Handling and storage, including how the chemical may be safely used;
  h) Section 8: Exposure controls and personal protection;
  i) Section 9: Physical and chemical properties;
  j) Section 10: Stability and reactivity;
  k) Section 11: Toxicological information;
  l) Section 12: Ecological information;
  m) Section 13: Disposal considerations;
  n) Section 14: Transport information;
  o) Section 15: Regulatory information;
  p) Section 16: Any other relevant information.

If in doubt, refer to SDS Chemalert Support casupport@rmt.com.au

When Safety Data Sheets are not available, a hazardous material declaration shall be provided by the Supplier to determine the existence of hazardous materials contained within the item, preservation treatment and/or packing following Australian health and safety laws.

MAC

MATERIAL AGE CONTROL

The Supplier shall identify all materials subject to age control shelf life with the following information:

- Lot or batch number;
- Quantity supplied per batch;
- Date of manufacture or expiration date;
- Rubber cure date and hardness, where applicable;
- remaining shelf life at time of delivery; and
- Necessary storage requirements, where applicable.

Such material shall, on receipt by ASC Shipbuilding, have a minimum of 80% of its shelf life remaining, unless otherwise approved by ASC Shipbuilding.

Note 1: This information may be included in the certificate of conformance.

Note 2: The shelf life or use by date is also to be stated on the packing.
**PRC**

**PAINT RECORD CERTIFICATE**

For painted items, a paint report/record is to be provided certifying that the items were painted in accordance with the specified paint scheme, including the following:

- Paint details;
- Paint batch number and expiry date;
- Coating cleanliness/residual soluble salts (RSS);
- Blasting media and surface profile;
- Dry film thickness;
- Atmospheric conditions during application;
- Times/dates.

If requested by ASC Shipbuilding for the initial delivery covered by the PO, the paint shall be subject to approval by ASC Shipbuilding for colour, texture and gloss levels.

The Supplier shall provide a current revision of the Safety Data Sheets that are fully compliant with Australian health and safety laws (SA Workplace Health and Safety Regulations 2012, Chapter 7). Refer to Safety Data Sheet Acronym SDS.

**Note:** With each subsequent delivery covered by the PO, the Supplier certifies that the paint matches in colour, texture and gloss levels to the sample provided by ASC Shipbuilding.

**SSH**

**STATIC SAFE HANDLING**

By making shipment under this PO, the Supplier automatically certifies that the devices that are sensitive to electrostatic discharge damage have been processed up to the time of shipment using Safe Handling Procedures. The packaging materials and the marking of containers used to ship electronic sensitive devices to ASC Shipbuilding shall conform to current industry standards.

**PKEL**

**PACKAGING, ELECTRICAL ASSEMBLIES AND COMPONENTS (including Circuit Boards)**

Each PCB delivered shall be packaged to provide effective protection to the contents against damage in handling by any mode of transport between the Supplier and the destination specified in the PO as the receiving point. Electrical assemblies and components shall be transported in protective, anti-static bags, bins or totes. Do not insert them into materials such as plastic, polystyrene foam, clear plastic bags, bubble wrap or plastic trays.

**Note Regarding OQE Delivery:**

1. Commodity Suppliers are required to provide the Purchase Order (PO) specified Objective Quality Evidence (OQE) via E-mail with files in PDF/electronic format to an ASC Shipbuilding nominated Outlook INBOX.
2. All PO specified OQE shall be provided in advance, or at least 3 days prior to the shipment of goods.
3. The title (or Subject line) of the E-mail is to be the ASC Shipbuilding PO number and Line item.

It is advisable for all OQE to be checked for completeness/compliance by an independent co-worker prior to submitting to ASC Shipbuilding.

**PKST**

**SOLID TIMBER PACKAGING**

For imported goods where the transport of goods that ASC Shipbuilding has ordered requires the use of any solid timber packaging, then the Supplier must ensure that the timber packaging is treated and marked in accordance with ISPM 15. This is an Australian Customs mandatory requirement. ISPM 15 is the "International Standards for Phytosanitary Measures Publication No. 15: Guidance for Regulating Wood Packaging Material in International Trade".

**Note Regarding OQE Delivery:**

1. Commodity Suppliers are required to provide the Purchase Order (PO) specified Objective Quality Evidence (OQE) via E-mail with files in PDF/electronic format to an ASC Shipbuilding nominated Outlook INBOX.
2. All PO specified OQE shall be provided in advance, or at least 3 days prior to the shipment of goods.
3. The title (or Subject line) of the E-mail is to be the ASC Shipbuilding PO number and Line item.

It is advisable for all OQE to be checked for completeness/compliance by an independent co-worker prior to submitting to ASC Shipbuilding.
### S&H
**STORAGE AND HANDLING (GENERAL)**
The Supplier shall clearly identify on the product any items that require special storage or handling e.g. refrigeration and humidity control.

### WCCD
**WEIGHT CONTROL CERTIFICATION DATA (WCCD)**
To the extent applicable, the Supplier shall supply information on the current weight and the location of the centre of gravity of goods supplied. The Supplier shall supply the weight data in the following sequence:

- Weight estimate for all goods within the Supplier’s proposal, including a specific estimate for operating fluids (if applicable).
- Calculated weight and centre of gravity for all goods to be supplied when all design is complete, noting inclusion of fluids (if applicable); and
- Scale weight (weighed weight) and centre of gravity, shown on the Supplier’s own weight certificate, for all goods supplied, noting if fluids were present during the weighing (if applicable).

Where it is impractical to weigh the goods being supplied, the Supplier may, with ASC Shipbuilding prior approval, provide measured weights of identical equipment or individual components.

It is the Supplier’s responsibility to submit all deviations to previously specified data because of development during design and construction.

Where the Supplier is providing goods in multiple delivery quantities, only deviations from the lead product need to be reported.

**Note 1:** A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Acronym Test Equipment Calibration Certificate TEC).

**Note 2:** For simple assemblies/items/parts, the weight of the actual assembly/item/part may be sufficient to meet this requirement. This information may be included in the certificate of conformance.

### ITAR
**ITAR / EAR SPECIFIED ITEMS**
The Supplier shall confirm if any goods being supplied are controlled under ITAR (International Traffic In Arms Regulation) or EAR (Export Administration Regulations). If so, the Supplier shall provide on a form of the Supplier’s format:

- The name of the goods being transferred to ASC Shipbuilding, and any other identification marking or description required to fully describe the goods;
- The authorisation number (e.g.: Technical Assistance Agreement / Manufacturing Licence Agreement / General Correspondence / Export Licence) of the goods being transferred; and
- If the goods being transferred will be supplied with, any ITAR or EAR controlled technical manuals, instructions, documentation.

### CUT
**CUT PARTS/REMNANTS (FOR SUBCONTRACTED FABRICATION)**
All supplies shall comply, as a minimum, with the following requirements as well as any additional project requirements additionally attached to this PO:

- Be fully cleaned and deburred with all sharp edges broken;
- Be fully marked as indicated on the supplied drawing, nest or DXF file either by powder mark, ink mark or paint pen;
- Be packaged onto clearly identified pallets wrapped with clear plastic, complete with packing lists, as indicated by supplied packing list (if supplied); and
- Be delivered complete with all material and testing certificates (if Supplier procured material) and individual part traceability information (material/heat number to nest and nest to individual part).

### COCFR
**CERTIFICATES OF CONFORMANCE - FRANCHISED OR AUTHORISED DISTRIBUTORS**
The Franchised/Authorised Distributors Certificate of Conformance* (CoC) must accompany the goods certifying that the item(s) conform in all respects to the requirements of the PO and any referenced specification for the product/component, in regards to:

- Identification (part no./description/serial number(s));
- Quantity;
- Condition; and
- When applicable, certification clause relevant to their contracted supply.
The CoC is to be signed by a person responsible/authorised for the quality of the delivered product (name and title to be stated).

If a copy or an electronically generated certificate is supplied, a letter from the Franchised and Authorised Distributor is to be provided stating that the copy or printed form is to be recognized as the original.

**Note** (1) A Franchised/Authorised Distributors CoC has the same standing (equivalent) as the Original Equipment/Components Manufacturers Certificate of Conformance.

**Note**: (2) If additional Inspection and Assurance Acronyms (I&AC) are not specified in the PO or the Contract. The Supplier/manufacturer is responsible for maintaining any relevant certification records for the period specified in the PO/Contract or as required in the applicable Product Liability law.

### FA

**FABRICATED ASSEMBLIES OR SUBASSEMBLIES**

All supplies of fabricated assemblies or subassemblies shall comply, at minimum, with the following requirements as well as any additional project requirements attached to this PO:

- Delivered with marked-up, as-built drawings of all items of supply with all dimensions and equipment locations confirmed, all tolerances met and evidence of all required finishes achieved, e.g. Dimensional Inspection Report (DIR) as agreed with ASC Shipbuilding.
- Metallic fabricated supplies to be delivered with all material and testing certificates (if Supplier procured material) and individual part traceability information (material/heat number to individual parts and assemblies or subassemblies).
- Welded supplies to be delivered with welding OQE in the Supplier's format, including Weld Procedure Specifications, Weld Procedure Qualification Records, Welder Qualification Records, Production Weld Records, and any applicable Non Destructive Testing Reports.
- Painted supplies to be delivered with painting OQE in the Supplier's format, including Paint (Batch) Test Certificates, Cleanliness, Blast Profile Reports, and Coating Inspection Reports.
- Supplies containing electrical wiring and components to be delivered with electrical installation OQE in the Supplier's format, including insulation resistance measurements, cable continuity testing and earth resistance bonding measurements.
- Supplies of piping or other pressure rated items to be delivered with piping OQE in the Supplier's format, including pipe laundry and cleaning reports as well as pressure testing reports.

**Note**: If additional Inspection and Assurance Acronyms (I&AC) are not specified in the PO or the Contract, the Supplier/manufacturer is responsible for maintaining any relevant certification records for the period specified in the PO/Contract or as required in the applicable product liability law.

### MTC2.1

**EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 2.1**

The Supplier shall provide, to the requirements of EN 10204:2004 Type 2.1, a document issued by the Original Equipment Manufacturer stating supplied goods complies with the requirements of the ASC Shipbuilding PO.

**Note**: specific test certificates are not required to be supplied.

### MTC2.2

**EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 2.2**

The Supplier shall provide, to the requirements of EN 10204:2004 Type 2.2, a test report issued by the Original Equipment Manufacturer confirming the goods supplied complies with the requirements of the ASC Shipbuilding PO.

Test reports shall be supplied for each lot, batch or heat number with the delivery. Test reports may be the result of a non-specific inspection.
**MTC3.1 EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 3.1**

The Supplier shall provide, to the requirements of EN 10204:2004 Type 3.1, an inspection certificate endorsed by the Original Equipment Manufacturer's authorised representative stating the goods supplied complies with the requirements of the ASC Shipbuilding PO. The inspection document shall be accompanied by all applicable test reports.

An inspection document (and accompanying test reports) shall be supplied for each lot, batch or heat number with the delivery. Test reports shall be the result of a specific inspection for each supplied lot, batch or heat number.

**Note:** for welding consumables, the type 3.1 certificate is to cover the chemical composition. It is acceptable to supply a certificate type 2.2 for the mechanical properties.

**MTC3.2 EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 3.2**

The Supplier shall provide, to the requirements of EN 10204:2004 Type 3.1, an inspection certificate endorsed by the original equipment manufacturer's independent authorised representative and with endorsement by either, an inspection representative named by the purchaser or an independent third party inspection body (e.g. Ship Classification Society, etc.) stating the goods supplied complies with the requirements of the ASC Shipbuilding PO. The inspection document shall be accompanied by all applicable test reports.

An inspection document (and accompanying test reports) shall be supplied for each lot, batch or heat number with the delivery. Test reports shall be the result of a specific inspection for each supplied lot, batch or heat number.

**EAI ELECTRICAL CABLE ASSEMBLY INSPECTION DOCUMENTATION**

The Supplier shall provide the original manufacturer’s Functional Performance Test (FPT) documentation (Test Reports / Certificates) as required by all applicable cable specification standard, for all supplied cable assemblies.

In conjunction with the FPT documentation requirements, the Supplier shall also provide a Certificate of Conformance (Acronym COCM), issued by the original manufacturer.

The FPT documentation shall enable the verification that supplied cables assemblies meet the requirements of the applicable specifications. Where applicable, FPT documentation shall detail the following:

- Specification/standards/acceptance criteria the cables were tested to;
- All applicable test results relating to the applicable specification for the cable assemblies;
- Procedures used;
- Pass/fail criteria; and
- Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note below.

The Supplier shall also ensure all cable ends are sealed with blanking plugs and the cable assembly is packaged in a non-transparent material.

The Supplier shall ensure the following information is clearly marked outside the cable assembly non-transparent packaging material:

- ASC Shipbuilding PO Number, Revision and Line item Number;
- ASC Shipbuilding Catalogue Number and/or Part Number;
- The original manufacturer’s company name;
- The serial number of the Cable Assembly; and
- The Date of Manufacture (DoM) of the Cable Assembly.

**Note:** A copy of the Testing Equipment Certification used for the testing/calibration of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).

**ECI ELECTRICAL CABLE INSPECTION DOCUMENTATION**

The Supplier shall provide the original manufacturer’s Functional Performance Test (FPT) documentation (Test Reports / Certificates) as required by the applicable cable specification standard (e.g. MIL-C-24640, MIL-C-24643, etc.) for all supplied cables.
In conjunction with Acronym FPT documentation requirements, the Supplier shall also provide a Certificate of Conformance (COCM), issued by the original cable manufacturer.

The FPT documentation shall enable the verification that supplied cables meet the requirements of the applicable specifications. Where applicable, FPT documentation shall detail the following:

- Specification/standards/acceptance criteria the cables were tested to;
- All applicable test results relating to the applicable specification for the cable;
- Procedures used;
- Pass/fail criteria; and
- Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note 2 below.

The Supplier shall also ensure all cable ends are sealed with blanking plugs and suitably packaged to suit the transport method. If stored on a drum or reel, the diameter shall be no less than its minimum bend radius.

The Supplier shall ensure the following information is clearly marked outside the cable packaging material:

- ASC Shipbuilding PO Number, Revision and Line Item Number;
- ASC Shipbuilding Catalogue Number and/or Part Number;
- The original manufacturer’s company name;
- The serial numbers of the cable; and
- The manufacturer date of the cable.

COTS cables, e.g. speaker cables, etc. that are readily available as COTS may not require individual Functional Performance Test (FPT) certificate or Certified Test Report. In these specific instances, a CoC (Acronym COCG) may be required. The CoC is to include specific batch number/reel number.

**Note 1:** If in doubt, the Supplier shall consult the ASCSB Purchasing Representative prior to commitment to supply.

**Note 2:** A copy of the Testing Equipment Certification used for the testing/calibration of the part is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).

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**LR**

**HCFP LLOYDS REGISTER (LR) NAVAL RULES CERTIFICATION REQUIREMENTS**

The Supplier shall provide certification in accordance with the requirements/specific details outlined in PO or Contract. This shall be against the applicable details in the stated version of the Lloyds Register of Shipping (Rules and Regulations for the Classification of Naval Ships), to satisfy the LR Class requirements.

All goods supplied subject to LR rules are to be supplied with appropriate certification acceptable to Lloyds Register, as required by subsequent chapters, or other parts (inclusive of IMO regulations) of the rules and notation as specified.

When specified in the corresponding Technical Equipment Specification (TES), the Supplier shall provide evidence that the items have been produced in facilities approved by Lloyds (LR).

Lloyd’s (LR) pre-delivery verification Inspections (PDVI) ‘Supplier On-site Inspections’ will be required for PO/Contract specified items.

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**FHR**

**FLEXIBLE HOSE QUALITY OQE REQUIREMENTS**

Each hose delivery must be accompanied with a CoC and test results as per below. Each delivery must also be accompanied with the Hose Assembler’s Lloyds Type Approval Certificate(s) for the Hose Assembly Type(s) where applicable, or equivalent certificates from another IACS member if applicable.

**Hose Identification Requirements:**

The hose must be fitted with an aluminium or stainless steel tally plate displaying*:

- ASC Shipbuilding Ships hose ID;
- Manufacturer Name;
- Manufacturer part number and serial number;
- Proof Pressure Test;
- Maximum working pressure of hose;
- In-service fluid;
- Hose material and standard;
- Installation date (where applicable) or space to it;
- Date last tested;
• Hose type/size (length /diameter)
• Cure date;
• NSN;
• Functional description.

*Note: RFD chips could be used for labelling. ASC Shipbuilding to request it on the PO.

In addition to that, the hose (item with a service life or used by date) shall have printed in its length as a minimum the following information: cure date, standard, serial/batch number, maximum working pressure and standard.

CoC Requirements:
• Manufacturers Letter Head document;
• Trading name/business or organisation name;
• Certificate/manufacturers approval number (i.e. ISO9001 etc.);
• Part numbers of assemblies/hoses (ASCSB/Manufacturer);
• Date manufactured;
• Serial numbers of individual hoses (full traceability);
• Cure dates;
• Batch number;
• Shelf life/expiry date;
• Class/type of hose;
• Application/recommendations of use;
• Standards manufactured to (e.g. ASxxxxx or international);
• Hose length and diameter;
• Statement of conformance: ref Pressure rating (max & nominal), temperature rating, material, design and any other specs that contributes to safety and performance. Also that the product conforms to certain standards and contains QA/QC inspection/test verification/acceptance sign off.

Test Report Requirements:
• Manufactures Letter Head document;
• Test procedure and testing standards reference;
• Part number;
• Serial number;
• Nominal test pressure, max test pressure, test result reading;
• Hose batch number for individual hose;
• Cure date;
• Pass/fail;
• Print, sign and date of testing officer.

Receipt Requirements:
Upon receipt of delivery, local QC are to be notified and a check (of the information provided above) be conducted as assurance that correct documentation has been provided against the goods received. In addition, if the specs for the delivered hoses are available, a physical QC inspection is to be conducted.
### CI  CERTIFIED ITEMS

The certified item / goods Supplier shall provide a test certificate containing, as a minimum, the following data:

- The Company Name of the testing/survey authority;
- Testing Accreditation Details
- A unique survey/Test Certificate Number;
- The date of Survey/Test;
- A description of the item under test (from Supplier);
- A serial number of the item (if applicable);
- A brief description of the test conducted and in accordance with the details of the applicable standards;
- The parameters of the test;
- Whether the item Passed or Failed the test;
- Fluid used for the test (if applicable);
- Reseat Pressure (only applicable to relief valves).

The completed Test Certificate shall be in English, in a hard copy and is to accompany the Goods on delivery to the ASC Shipbuilding Store/Warehouse in accordance with the PO.

**Note:** a copy of the certification of the test equipment used for the performance test of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).

### PKG  PACKAGING, IDENTIFICATION AND MARKING (GENERAL)

The Supplier shall ensure all goods supplied are appropriately packed for the hazards associated with their mode of transport.

All goods supplied are to be clearly marked. All deliveries shall be accompanied with a Packing List, in the Supplier’s format, containing as a minimum, the following information:

- ASC Shipbuilding PO Number and Line Number;
- ASC Shipbuilding Catalogue Number and NATO Stock Number (if applicable);
- Item Description; and
- Item Quantity and Unit of Measure.

All goods supplied are to be individually and clearly marked as detailed above. Groups of the same goods may be bundled together for ease of transport provided the groups are clearly marked as detailed above. Different goods within one container should be clearly segregated for ease of identification during receipt.

For elastomeric products (i.e. O-rings, seals, etc.) goods are to be packaged individually and in light excluding bags. Batch number, cure date and shelf life are also to be provided on the packing.

For paints, adhesives, oils, greases and lubricants, batch number, date of manufacture and expiry date details are to be provided on the packing or container.

Additional packing requirements may be required by other Acronyms.

**Note Regarding OQE Delivery:**

1. Commodity Suppliers are required to provide the Purchase Order (PO) specified Objective Quality Evidence (OQE) via E-mail with files in PDF/electronic format to an ASC Shipbuilding nominated Outlook INBOX.
2. All PO specified OQE shall be provided in advance, or at least 3 days prior to the shipment of goods.
3. The title (or Subject line) of the E-mail is to be the ASC Shipbuilding PO number and Line item.

It is advisable for all OQE to be checked for completeness/compliance by an independent co-worker prior to submitting to ASC Shipbuilding.
PKM

PACKAGING, IDENTIFICATION AND MARKING OF METALLIC PRODUCTS

The Supplier shall ensure all metallic products supplied shall be clearly marked. Marking shall be either via a durable metallic or plastic tag wired onto the product, or on the product, itself via an indelible medium (i.e., paint or stencil). The method of marking shall be at the Supplier’s discretion, unless stipulated by ASC Shipbuilding. Marking data shall contain, as a minimum, the following information:

- ASC Shipbuilding PO Number, Revision and Line Number;
- ASC Shipbuilding Catalogue Number and/or Part Number (if applicable); and
- Material Type, Grade and Dimensions (including thickness).

For supply of plates where marking is via an indelible medium, the above information shall be marked on two diagonally opposite corners not more than 300mm from an edge.

Rods, bars, sections and tubes supplied in a bundle shall be marked via durable metallic or plastic tag wired to each end of the bundle. When supplied in separate lengths and marking is via an indelible medium, it should be not more than 300mm from each end.

Thin sheet metal supplied in boxes shall be marked indelibly on the top sheet of the box.

Note Regarding OQE Delivery:

1. Commodity Suppliers are required to provide the Purchase Order (PO) specified Objective Quality Evidence (OQE) via E-mail with files in PDF/electronic format to an ASC Shipbuilding nominated Outlook INBOX.
2. All PO specified OQE shall be provided in advance, or at least 3 days prior to the shipment of goods.
3. The title (or Subject line) of the E-mail is to be the ASC Shipbuilding PO number and Line item.

It is advisable for all OQE to be checked for completeness/compliance by an independent co-worker prior to submitting to ASC Shipbuilding.

PKFH

PACKAGING, IDENTIFICATION AND MARKING OF FLEXIBLE HOSE ASSEMBLY

The Supplier shall ensure all openings are sealed with blanking plugs and the hose assembly is packaged in a non-transparent material.

The Supplier shall ensure the following information is clearly marked on the hose non-transparent packaging material:

- The manufacturer’s company name;
- The manufacturer’s unique serial number/batch number;
- Manufacturing standard and hose type;
- Test date and pressure;
- Cure date;
- ASC Shipbuilding PO Number and Line Number; and
- ASC Shipbuilding Catalogue Number and/or Part Number (if applicable).

The above information shall be provided on a durable metallic or plastic tag suitably banded onto the hose assembly, unless specified otherwise by ASC Shipbuilding.

Note 1: RFD chips could be considered for labelling. This is to be requested by ASC Shipbuilding in the PO.

Note 2: Refer to Flexible Hose Quality OQE Requirements Acronym FHR for additional hose OQE requirements, including marking of the hose assembly itself.

Note Regarding OQE Delivery:

1. Commodity Suppliers are required to provide the Purchase Order (PO) specified Objective Quality Evidence (OQE) via E-mail with files in PDF/electronic format to an ASC Shipbuilding nominated Outlook INBOX.
2. All PO specified OQE shall be provided in advance, or at least 3 days prior to the shipment of goods.
3. The title (or Subject line) of the E-mail is to be the ASC Shipbuilding PO number and Line item.

It is advisable for all OQE to be checked for completeness/compliance by an independent co-worker prior to submitting to ASC Shipbuilding.

PKCI

PACKAGING, IDENTIFICATION AND MARKING OF CERTIFICATION ITEMS
The Supplier shall ensure the following information is clearly marked both on the supplied goods themselves and outside their packaging:

- Pressure Relief Valves: manufacturer's company name, part number and serial/batch number, test date, parameters and standard.
- Pressure Valves: manufacturer's company name, part number and serial/batch number, manufacture date, test date, parameters and standard.
- Fixed Load Bearing Items: manufacturer's company name and part number, safe working load, test date, parameter and standard.
- Non-Fixed Load Bearing Items: manufacturer's company name, part number and serial/batch number, safe working load, test date, parameters and standard.
- Life Rafts and Safety Equipment: manufacturer's company name, part number and serial/batch number, manufacture date and test date, parameters and standard.
- Gauges: manufacturer’s company name, part number and serial/batch number (if available), test date and calibration date, test standard.
- Registered plant: plant design registration number, registration date and registration document reference, manufacturer's company name, part number and serial/batch number, tested date, certification of expiry date, standard tested to.

Note: The serial number shall be permanently stamped, stenciled, etched or engraved on the delivered item in a clearly visible location.

Additionally, the following marking data shall be provided on the outside of the goods supplied packaging:

- ASC Shipbuilding PO Number and Line Number; and
- ASC Shipbuilding Catalogue Number and/or Part Number (if applicable).

Note Regarding OQE Delivery:

1. Commodity Suppliers are required to provide the Purchase Order (PO) specified Objective Quality Evidence (OQE) via E-mail with files in PDF/electronic format to an ASC Shipbuilding nominated Outlook INBOX.
2. All PO specified OQE shall be provided in advance, or at least 3 days prior to the shipment of goods.
3. The title (or Subject line) of the E-mail is to be the ASC Shipbuilding PO number and Line item.

It is advisable for all OQE to be checked for completeness/compliance by an independent co-worker prior to submitting to ASC Shipbuilding.

**CTCL CRITICAL ITEMS (CTCL)**

When supplying PO or Contract specified Critical (CTCL) items, the Supplier shall:

- Source items from ASC Shipbuilding authorised manufacturers/mills only; or
- Propose manufacturers/mills for ASC Shipbuilding approval by providing evidence that the manufacturers/mills have ‘Material Manufacturer’ approval or Approval of Manufacturer (AOM) certified by independent certification bodies e.g. BV, Lloyds, SGS, DNV-GL, NK, ABS, TUV etc. or provide evidence of detailed review and approval by the direct Supplier e.g. audit reports, visit reports, inspection reports, test reports; or
- Ensure that items are independently sample tested by a NATA or equivalent testing house (e.g. A2LA) i.e.w criteria defined by ASC Shipbuilding, with test reports (OQE) provided to ASC Shipbuilding. Note: This approach will qualify individual batch deliveries only, not the sub-tier Supplier/manufacturer/mill.
- ASC Shipbuilding may also consider undertaking a quality audit/review of the Supplier, sub-tier Supplier, manufacturer or mill manufacturing/fabrication processes on a case-by-case basis.

**Security:** Where applicable, Suppliers of Security classified CTCL items are to have DISP membership at the level required by ASCSB Security. ASCSB Security may undertake a Security review at all levels of the supply chain to ensure security requirements are met for Security CTCL items. The Security review may require that the Supplier implement additional Security Risk mitigation strategies or controls sufficient to mitigate security risks.

**Note:** Please refer to BAES Supplier Portal for the ASC Shipbuilding Supplier Quality Assurance Manual (SQAM) ANNEX E – Rules for Approval when supplying Contract or PO specified Critical (CTCL) Items/Products.
<table>
<thead>
<tr>
<th><strong>LCS</strong></th>
<th><strong>LOAD CERTIFIED STATEMENT (LCS)</strong></th>
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</thead>
<tbody>
<tr>
<td>When supplying safety lifting equipment/items, the Supplier shall ensure:</td>
<td></td>
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<tr>
<td>• The LCS is to state that items have been tested and certified in accordance with a nationally approved standard.</td>
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<tr>
<td>• The LCS is to state that the item is capable of lifting/carrying the specified load.</td>
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<tr>
<td>• Copies of the LCS test reports/OQE may be required to sell off the statement as agreed with ASC Shipbuilding on a case-by-case basis and prior to commitment to supply.</td>
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</tr>
<tr>
<td>• A tally plate providing load test details is to be attached to each individual item supplied.</td>
<td></td>
</tr>
<tr>
<td><strong>Note 1:</strong> ropes and cables are exempt from tally plate requirements.</td>
<td></td>
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<tr>
<td><strong>Note 2:</strong> A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).</td>
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<tr>
<th><strong>SHCK</strong></th>
<th><strong>SHOCK CERTIFICATION (SHCK)</strong></th>
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</thead>
<tbody>
<tr>
<td>Where required in the PO or Contract for shock certified items, the Supplier shall:</td>
<td></td>
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<tr>
<td>• Provide a statement/certificate indicating that the item has been tested and certified in accordance with the specified shock standard.</td>
<td></td>
</tr>
<tr>
<td>o The statement/certificate shall include a description indicating how shock certification was achieved for the item, i.e. by test, analysis or extension.</td>
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<tr>
<td>• Copies of the shock test report/analysis will be required to sell off the statement/certificate as agreed with ASC Shipbuilding prior to commitment to supply and as part of the first delivery of the part.</td>
<td></td>
</tr>
<tr>
<td><strong>Note:</strong> A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Testing Equipment Calibration Certificate Acronym TEC), if applicable.</td>
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</tbody>
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<table>
<thead>
<tr>
<th><strong>ITP</strong></th>
<th><strong>INSPECTION AND TEST PLAN (ITP)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Where specifically required in the PO or Contract, an inspection and Test Plan (ITP) is to be provided. The ITP shall detail a sequence of key activities proposed to fulfil the specified requirements, including tests performed and acceptance criteria. The ITP shall contain provision for hold and witness points. Prior to work commencement, ASCSB may need to allocate Hold and Witness points. Hold and witnessing points may need signing off by ASCSB or its nominated third party representative, e.g. the CoA or Classification Society as required.</td>
<td></td>
</tr>
<tr>
<td><strong>Note:</strong> Refer to the ASCSB SQAM in the BAES Supplier Portal for a generic ITP form/example.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VIB</strong></th>
<th><strong>VIBRATION CERTIFICATE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Where required in the PO or Contract for items to be compliant the relevant vibration standard, the Supplier shall:</td>
<td></td>
</tr>
<tr>
<td>• Provide a statement/certificate that the delivered item has been tested and certified in accordance with the required vibration standard.</td>
<td></td>
</tr>
<tr>
<td>o The statement/certificate shall include a description of how the delivered item has been certified, by test, by analysis or by extension.</td>
<td></td>
</tr>
<tr>
<td>• Copies of the vibration report/analysis will be required to sell off the statement/certificate as agreed with ASC Shipbuilding prior to commitment to supply and as part of the first delivery of the part.</td>
<td></td>
</tr>
<tr>
<td><strong>Note:</strong> A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC), if applicable.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>WCCS</strong></th>
<th><strong>WELDING CONTROL CERTIFIED STATEMENT (WCCS)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>A statement certifying that the welding or brazing associated with the manufacturer of the delivered item was performed and inspected in accordance with the specified standards.</td>
<td></td>
</tr>
<tr>
<td>The certified statement shall include reference to welding/brazing procedures, welding consumables, weld maps and welding non-destructive testing as required.</td>
<td></td>
</tr>
</tbody>
</table>
The statement shall be signed by a qualified welding inspector or equivalent welding supervisor. All associated records shall be made available for inspection by ASC Shipbuilding on request.

<table>
<thead>
<tr>
<th><strong>PDVI</strong></th>
<th><strong>PRE-DELIVERY VERIFICATION INSPECTION (PDVI)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A purchaser Pre-delivery Verification Inspection (PDVI) by ASC Shipbuilding or an ASC Shipbuilding third party representative (e.g. Commonwealth of Australia (CoA), Ship Classification Society, e.g. Lloyds Register of Shipping (LR), is required in accordance with the ASC Shipbuilding internal processes prior the dispatch of the goods. The Supplier is to advise ASC Shipbuilding with at least ten working days in advance that the articles/goods are ready for PDVI. PDVI may be waived (by written advice), at the discretion of ASC Shipbuilding.</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> Refer also to Acronym LR for Lloyds PDVI requirements.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>DIR</strong></th>
<th><strong>DIMENSIONAL INSPECTION REPORT (DIR)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Records are to be provided which certify that a dimensional inspection of the article/item has been performed and that it complies with the specification/standard/drawing requirements as specified.</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NDT</strong></th>
<th><strong>NON-DESTRUCTIVE TESTING (NDT)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>When required in the PO/Contract, NDT shall be carried out (to the extent specified) in accordance with a nationally recognised standard. NDT reports shall comply with the relevant NDT standards specified in the PO. Personnel undertaking NDT shall also be suitably qualified in accordance with the applicable standards. NDT testing comprises, as applicable: Radiography Testing (RT), Xray/Gamma, Magnetic Particle Testing (MPT), Ultrasonic Testing (UT), Dye Penetrant Testing (DPT), Fluorescent Xray (FXray), Visual Inspection (VI) and/or other specified method.</td>
</tr>
<tr>
<td></td>
<td>The NDT report shall contain the following information:</td>
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<tr>
<td></td>
<td>• Material batch number (heat, charge, cast, lot) or serial number.</td>
</tr>
<tr>
<td></td>
<td>• ASC Shipbuilding part number.</td>
</tr>
<tr>
<td></td>
<td>• Type of NDT and relevant standard tested to.</td>
</tr>
<tr>
<td></td>
<td>• Signature of the qualified person.</td>
</tr>
<tr>
<td></td>
<td><strong>Note 1:</strong> A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PTC</strong></th>
<th><strong>PRESSURE TEST CERTIFICATE (PTC)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>For items/goods requiring a pressure/leak test, the Supplier shall provide a test certificate containing, as a minimum, the following data:</td>
</tr>
<tr>
<td></td>
<td>• The company name of the testing/survey authority;</td>
</tr>
<tr>
<td></td>
<td>• Testing accreditation details;</td>
</tr>
<tr>
<td></td>
<td>• A unique survey/test certificate number;</td>
</tr>
<tr>
<td></td>
<td>• The date of survey/test;</td>
</tr>
<tr>
<td></td>
<td>• A description of the item under test (from Supplier);</td>
</tr>
<tr>
<td></td>
<td>• A serial number or batch number of the item;</td>
</tr>
<tr>
<td></td>
<td>• The applicable standards;</td>
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<tr>
<td></td>
<td>• The parameters of the test (test pressure) and acceptance criteria;</td>
</tr>
<tr>
<td></td>
<td>• Whether the item passed or failed the test;</td>
</tr>
<tr>
<td></td>
<td>• Fluid used for the test;</td>
</tr>
<tr>
<td></td>
<td>• Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note below;</td>
</tr>
<tr>
<td></td>
<td>• The re-seat pressure (applicable to relief valves).</td>
</tr>
<tr>
<td></td>
<td>The completed test certificate shall be in English, in a hard copy and is to accompany the goods on delivery to the ASC Shipbuilding Store/Warehouse in accordance with the PO.</td>
</tr>
<tr>
<td></td>
<td><strong>Note:</strong> a copy of the certification of the test equipment used for the pressure test of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).</td>
</tr>
</tbody>
</table>
### CTC
**CALIBRATION TEST CERTIFICATE (NEW OR REFURBISHED ITEMS)**

A calibration test certificate is to be provided by a NATA or equivalent ISO/IEC17025 accredited testing organisation when requested by the Contract/PO to calibrate items (new or refurbished) such as relief valves, instruments, etc. The calibration test certificate shall contain as a minimum:

- Customer PO number and revision;
- Line item number;
- ASC Shipbuilding Part number;
- Description of the item tested/calibrated;
- Item serial number;
- Testing procedure specification/standard;
- Acceptance criteria;
- Calibration date and validity.

In addition to that, as applicable:

- Test pressure, re-seat test pressure;
- Results (pass/fail);
- Testing medium and duration of test;
- Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note below.

The certificate shall state the condition of the item on receipt and if it was within calibration requirements.

The calibration test certificate shall be checked and endorsed by the organisation-authorised representative.

**Note:** A copy of the Testing Equipment Certification used for the calibration of the item is to be supplied together with this certificate (refer Acronym TEC).

### HTR
**HEAT TREATMENT RECORD (HTR)**

A report certifying that the heat treatment process has been performed on the batch of material used in the delivered item in accordance with the approved material standard.

The report is to include furnace ID and calibration details.

The report shall state, as minimum, the following information:

- Batch number (heat, charge, cast, lot) of the treated material.
- Heat treatment standard.
- Furnace ID.
- Reference to the relevant NDT reports (if applicable)
- Signature of the qualified person.

**Note:** A copy of the Testing Equipment Certification used for the treatment of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).

### RPNT
**REGISTERED PLANT AND EQUIPMENT**

When equipment or plant that is regulated under the WHS of a State or the Commonwealth legislation is ordered, the Supplier shall provide certification that addresses the registration of the design of the plant or equipment for use in Australia, including the following:

- All relevant design documentation, manufacturing records and inspection records required to fulfill the requirements as per the WHS regulations to support design registration and plant registration.

**Note:** This requirement may be applicable to low cost and high cost/risk hydraulic cylinders, water heaters, water accumulators, high pressure (HP) air bottles, etc.

### CED
**CERTIFICATION OF EXPIRY DATE (PRESSURE VESSELS)**

The Supplier shall provide a certificate that states the date on which pressure vessel must be re-tested or re-certified in accordance with the pressure vessel standard. This certificate is to include the standard to which it was tested.

### ISR
**INTERNAL CONDITION STATUS REPORT**
The Supplier shall provide a report to capture the internal condition status of the pressure vessel or item before shipping and provide the details of the products used for preservation during shipment and storage. The report should include the following information as a minimum:

- Photos of the internal conditions before packing for shipping.
- Description of the internal conditions including reporting which fluids were used for the testing, if they have been properly drained and the vessel dried out, etc.

Details of the preservant (gas or liquid - if applicable) used for the protection of the internal surfaces including description of the products, batch numbers, expiration date and any other relevant information related to them.

<table>
<thead>
<tr>
<th><strong>HVR</strong></th>
<th><strong>HIGH VOLTAGE TEST REPORT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Supplier shall supply a report with the record of the high voltage test details. The report shall include as a minimum the following:</td>
<td></td>
</tr>
<tr>
<td>- Item serial number;</td>
<td></td>
</tr>
<tr>
<td>- Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note 1 below.</td>
<td></td>
</tr>
</tbody>
</table>

**Note 1:** A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).

**Note 2:** this report may be part of the functional performance test report.

<table>
<thead>
<tr>
<th><strong>ITR</strong></th>
<th><strong>INSULATION TEST REPORT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Supplier shall supply a report with the record of the insulation test details. The report shall include as a minimum the following:</td>
<td></td>
</tr>
<tr>
<td>- Item serial number;</td>
<td></td>
</tr>
<tr>
<td>- Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note 1 below.</td>
<td></td>
</tr>
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</table>

**Note 1:** A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC).

**Note 2:** this report may be part of the functional performance test report.

<table>
<thead>
<tr>
<th><strong>BST</strong></th>
<th><strong>BATTERY STORAGE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>The Supplier shall provide the following documentation with the supplied battery:</td>
<td></td>
</tr>
<tr>
<td>- Shipment date.</td>
<td></td>
</tr>
<tr>
<td>- Storage instructions.</td>
<td></td>
</tr>
<tr>
<td>- Requirements for supplementary charging prior to installation.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LAC</strong></th>
<th><strong>LIFTING ARRANGEMENTS CERTIFICATE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>When an item has to be provided with lifting arrangements for its maneuver, a certificate that established that the lifting points (lugs or eyes) body meets Australian Standards shall be provided. Alternatively, a certification to an equivalent European or American Standard may be acceptable.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>NOI</strong></th>
<th><strong>NOISE CERTIFICATE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>When required in the PO or contract for items to have a maximum noise level, the Supplier shall:</td>
<td></td>
</tr>
<tr>
<td>- Provide a statement/certificate that the delivered item has been tested and certified in accordance with the required noise standard.</td>
<td></td>
</tr>
<tr>
<td>o The statement/certificate shall include a description of how the delivered item has been tested, including relevant standards.</td>
<td></td>
</tr>
<tr>
<td>- Copies of the noise report may be required to sell off the statement/certificate as agreed with ASC Shipbuilding on a case-by-case basis and prior to commitment to supply.</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** A copy of the Testing Equipment Certification used for the testing of the item is to be supplied together with this certificate (refer to Test Equipment Calibration Certificate Acronym TEC) – if applicable.
<table>
<thead>
<tr>
<th>NONE</th>
<th>NONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>There are no quality Acronyms applicable to the part/item.</td>
<td></td>
</tr>
</tbody>
</table>