

SUPPLIER INSTRUCTION

BAE Systems Maritime Australia Inspection and Assurance Codes

Quality is: Right First Time Every Time

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NOTES TO SUPPLIERS

1. This document forms part of the supporting documents to ASC Shipbuilding Pty Limited trading as BAE SYSTEMS - Maritime Australia (BAESMA) standard terms and conditions as stated in the Purchase Order Contract).
2. The BAE Contract line item specifies individual Inspection and Assurance Acronyms/Codes (including additional notes where required) and provides a link to the BAESMA Supplier Portal location of this document <https://www.baesystems.com/en-aus/our-company/about-us/our-suppliers>.
3. The Supplier is required to undertake an adequate PO/Contract Requirements Review (RR) prior to commitment to supply. For guidance on RR, please refer to the BAESMA's Supplier Quality Assurance Manual (SQAM) in the BAESMA Supplier Portal. Where "Supplier" has the same meaning as set out in the SQAM.
4. Suppliers must be aware that goods shall 'at all times', be supplied with the Contract required OQE, meeting the Inspection and Assurance Codes Definition criteria. This will allow seamless receipting of the goods into the BAESMA ERM system, facilitating Right First Time data collection, timely invoicing processing and payment.
5. The Supplier is to contact the BAESMA Procurement Representative or the BAESMA Supplier Quality Representative in the event that additional clarification is required.

OQE Delivery

6. Suppliers are required to provide the PO specified Objective Quality Evidence (OQE) via E-mail with files in PDF/electronic format to a BAESMA nominated Outlook Inbox.
7. All PO specified OQE shall be provided in advance, but no later than 3 Working Days prior to the shipment of goods or handover to our nominated logistics provider. "Working Days" has same meaning as set out in the SQAM.
8. The title (or Subject line) of the E-mail is to be the BAESMA 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 BAESMA.

SECTION 1: GENERAL ACRONYMS

ACRONYMS	DESCRIPTION
A2LA	American Association of Laboratory Accreditation
AD	Authorised Distributor
BAESMA	ASC Shipbuilding Pty Limited trading as BAE SYSTEMS - Maritime Australia
BMS	Business Management System (BAESMA)
COC	Certificate of Conformance
Contract	BAESMA contract terms and conditions with Supplier for the purchase of goods and services includes the PO.
CTCL	Critical items/products
DISP	Defence Industry Security Program
EAR	Export Administration Regulations
ERM	Enterprise Resource Management (BAESMA AVEVA)
ETC	Equipment(item)Test Certificate
FAI	First Article Inspection
FD	Franchise Distributor
FPT	Functional Performance Test
HCF	Hunter Class Frigate
I&AC	Inspection and Assurance Code
IACD	Inspection Assurance Codes Definitions (OQE Attributes)
IACS	International Association of Classification Societies
IAW	In Accordance With
IMTE	Inspection Measuring and Testing Equipment
NATA	National Association of Testing Authorities
OCM	Original Component Manufacturer
OEM	Original Equipment Manufacturer
OQE	Objective Quality Evidence
PCB	Printed Circuit Board
PO	BAESMA purchase order and/or contract terms and conditions.
PPAP	Production Part Approval Process
QC	Quality Control
RFE&T	Request for Examination and Test
RR	Requirements Review
SHCK	Shock Certificate/Certified Statement
SQAM	Supplier Quality Assurance Manual
TES	Technical Equipment Specification
TRD	Technical Requirements Document

SECTION 2: INSPECTION AND ASSURANCE ACRONYMS/CODES DEFINITION LIST

Note: The codes listed below are generic and must be read and interpreted with the view to meeting the Contract specific requirements. If in doubt as to the extent of applicability of the listed code requirements, please contact the BAESMA representative for clarification.

ACRONYM CODE	TITLE
BLN	Batch / Lot Number
BST	Battery Storage
CCS	Cleanliness Certification Statement
CED	Certification Expiry Date (e.g. Pressure Vessels, Lifting Items ETC)
CI	Certified Items
CLASS	Class Society
COCG	Certificate Of Conformance – General
COCOM	Certificate Of Conformance - Original Manufacturer's Copy
CTC	Calibration Test Certificate (New or Refurbished Items)
CTCL	Critical Items (CTCL)
CUT	Cut Parts/Remnants (For Subcontracted Fabrication)
DIR	Dimensional Inspection Report (DIR)
DNV	Det Norske Veritas (DNV) Certification Requirements
DWG	Drawing
EAI	Electrical Cable Assembly Inspection Documentation
ECI	Electrical Cable Inspection Documentation / Functional Performance Test
FA	Fabricated Assemblies or Subassemblies
FAI	First Article Inspection
FHR	Flexible Hose Quality OQE Requirements
FPT	Functional Performance Test / Equipment General
FST	Fire Resistance, Smoke and Toxicity Certification
GII	Goods Inwards Inspection
HTR	Heat Treatment Record (HTR)
HVR	High Voltage Test Report
I&M	Installation And Maintenance (Instructions)
ISR	Internal Condition Status Report
ITAR	ITAR / Ear Specified Items
ITP	Inspection And Test Plan (ITP)
ITR	Insulation Test Report
LAC	Lifting Arrangements Certificate
LCS	Load Certified Statement (LCS)/Test Report
LR	HCFP Lloyds Register (LR) Naval Rules Certification Requirements
MAC	Material Age Control/Shelf Life
MTC2.1	EN 10204:2004 Metallic Materials Inspection Documentation Type 2.1
MTC2.2	EN 10204:2004 Metallic Materials Inspection Documentation Type 2.2
MTC3.1	EN 10204:2004 Metallic Materials Inspection Documentation Type 3.1
MTC3.2	EN 10204:2004 Metallic Materials Inspection Documentation Type 3.2

ACRONYM CODE	TITLE
NDT	Non-Destructive Testing (NDT)
NOI	Noise Certificate
NONE	No OQE Requirements
OPI	Operational Instructions
PDVI	Pre-Delivery Verification Inspection (PDVI)
PKCI	Packaging, Identification and Marking of Certification Items
PKEL	Packaging, Electrical Assemblies and Components (Including Circuit Boards)
PKFH	Packaging, Identification and Marking of Flexible Hose Assembly
PKG	Packaging, Identification and Marking (General)
PKM	Packaging, Identification and Marking of Metallic Products
PKST	Solid Timber Packaging
PPAP	Production Part Approval Process (PPAP)
PRC	Paint Record Certificate
PTC	Pressure Test Certificate (PTC)
RPNT	Registered Plant and Equipment
S&H	Storage And Handling (General)
SDS	Safety Data Sheets (SDS) / Hazardous Material Declaration
SHCK	Shock Certification (SHCK)
SN	Serial Number
SSH	Static Safe Handling
STF	Surface Treatment Finish
TEC	Test Equipment Calibration Certificate/Certified Statement
VIB	Vibration Certificate
WCCD	Weight Control Certification Data (WCCD)
WCCS	Welding Control Certified Statement (WCCS)
WENG	Weld Engineering

SECTION 3: INSPECTION AND ASSURANCE ACRONYMS/CODES DEFINITION

ACRONYM CODE	DEFINITION
BLN	<p><u>BATCH / LOT NUMBER</u></p> <p>A Batch or Lot Number (also known as a Lot code or code number) is a mark of identification which can include numbers, letters or symbols or any combination of which is usually generated by the manufacturer or OEM to distinguish and produce similar items/products or materials in groups.</p> <p>Traceability of the Batch number or Lot number shall be maintained and be supplied with the applicable OQE.</p> <p>The Batch or Lot number shall be permanently fixed or applied and secured including visibility and legibility on the delivered product/s or materials.</p> <p>Note: In the event a Batch or Lot number is missing from a product during the OEM manufacturing process and a BLN requirement is applicable to the Contract, the Supplier shall NOT deliver the products or materials without written authority and approval by the customer authorised representative.</p>

ACRONYM CODE	DEFINITION
BST	<p><u>BATTERY STORAGE</u></p> <p>The Supplier shall provide the following documentation with the supplied battery:</p> <ul style="list-style-type: none"> • Shipment date. • Storage instructions. • Requirements for supplementary charging prior to installation.
CCS	<p><u>CLEANLINESS CERTIFICATION STATEMENT</u></p> <p>The Supplier shall provide a Certificate confirming the cleaned item/s supplied complies with the Contract & specified Standard/Specification. The CCS shall also state the Cleanliness condition/Grade and nominate the product/s or equipment cleaned by the signed authorised Supplier Representative.</p>
CED	<p><u>CERTIFICATION EXPIRY DATE (E.G. PRESSURE VESSELS, LIFTING ITEMS ETC)</u></p> <p>The Supplier shall provide a certificate that states the date on which items e.g. pressure vessels, lifting items etc. must be re-tested or re-certified in accordance with the specified standards e.g. pressure vessel standard, lifting items standards/specifications. This certificate is to include the standard to which it was tested.</p>
CI	<p><u>CERTIFIED ITEMS</u></p> <p>The certified item / goods Supplier shall provide a test certificate containing, as a minimum, the following data:</p> <ul style="list-style-type: none"> • 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; • Medium used for the test (if applicable); • Reseat Pressure (only applicable to relief valves). <p>The completed Test Certificate shall be in English, in a hard copy and is to accompany the goods on delivery to the BAESMA store/warehouse in accordance with the PO.</p> <p>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).</p>
CLASS	<p><u>IACS MEMBER CERTIFICATION REQUIREMENTS</u></p> <p><u>HCFP CERTIFICATION REQUIREMENTS FOR WELDING CONSUMABLES</u></p> <p>The Supplier shall provide certification in accordance with the requirements/specific details outlined in Contract. This shall be against the applicable details in the stated version of the Lloyd's Register (Rules and Regulations for the Classification of Naval Ships January 2020 edition as per contact/PO), to satisfy the LR Class requirements. To the extent applicable, the following criteria shall apply:</p> <ol style="list-style-type: none"> 1. Where Lloyds Rules welding consumable type approval certification is not available the Supplier shall provide IACS member type approvals (International Association of Classification Societies Certification indicating that the welding consumables have been produced in facilities approved by an IACS member) <p>Additional batch testing applies, Consumables to be quarantined once received by BAESMA and Weld Engineering shall be contacted for approval.</p>

ACRONYM CODE	DEFINITION
COCG	<p><u>CERTIFICATE OF CONFORMANCE – GENERAL</u></p> <p>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:</p> <ul style="list-style-type: none"> • PO number/contract number and revision/issue number; • PO line item number; • Identification/item description including customer part number/manufacturer's part no./description/serial number(s), etc.); • quantity; • batch and/lot or reference or heat number as applicable; • rubber hardness and cure date; • use by/shelf life/date of manufacture/expiry date; • weight control certification (refer to Weight Certificate Acronym WCCD); • cleanliness certification statement; • software version number; • condition; and • certification clause relevant to their contracted supply and • NSS/NATO number (if applicable). <p>The CoC shall be signed by a person responsible/authorised for the quality of the delivered product (name and title to be stated).</p> <p>Note: If additional Inspection and Assurance Acronyms/Codes (I&AC) are not specified in the Contract, the Supplier is responsible for maintaining any relevant certification records for the period specified in the Contract or as required in the applicable Product Liability law. These records are to be submitted to BAESMA on request.</p>
COCOM	<p><u>CERTIFICATE OF CONFORMANCE - ORIGINAL MANUFACTURER'S COPY</u></p> <p>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:</p> <ul style="list-style-type: none"> • Identification (part no./description/serial number(s). • Batch and lot reference or heat number as applicable; • Quantity; • item number; • Rubber hardness and cure date; • Use by/shelf life/date of manufacture/expiry date; • Quality (fitness for purpose); • Software version number; • 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). • Where available, provide the customer PO number, revision number and line item number. <p>The CoC shall be signed by a person responsible/authorised for the quality of the delivered product (name and title to be stated).</p> <p>Note (1): If additional Inspection and Assurance Acronyms/Codes (I&AC) are not specified in the Contract, the Supplier is responsible for maintaining any other relevant certification records for the period specified in the Contract or as required in the applicable Product Liability law. These records are to be submitted to BAESMA on request.</p>

ACRONYM CODE	DEFINITION
<p>CTC</p>	<p><u>CALIBRATION TEST CERTIFICATE (NEW OR REFURBISHED ITEMS)</u></p> <p>A calibration test certificate is to be provided by a NATA or equivalent ISO/IEC17025 accredited testing organisations when requested by the Contract to calibrate items (new or refurbished) such as relief valves, instruments, etc. The calibration test certificate shall contain as a minimum:</p> <ul style="list-style-type: none"> • Customer PO number and revision; • Line item number; • Part number; • Description of the item tested/calibrated; • Item serial number; • Testing procedure specification/standard; • Acceptance criteria; • Calibration date and validity. <p>In addition to that, as applicable:</p> <ul style="list-style-type: none"> • 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. <p>The certificate shall state the condition of the item on receipt and if it was within calibration requirements.</p> <p>The calibration test certificate shall be checked and endorsed by the organisation-authorized representative.</p> <p>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).</p>
<p>CTCL</p>	<p><u>CRITICAL ITEMS (CTCL)</u></p> <p>When supplying Contract specified Critical (CTCL) items, the Supplier shall:</p> <ul style="list-style-type: none"> • Source items from BAESMA authorised manufacturers/mills only; or • Propose manufacturers/mills for BAESMA 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) in accordance with criteria defined by BAESMA, with test reports (OQE) provided to BAESMA. Note: This approach will qualify individual batch deliveries only, not the sub-tier Supplier/manufacturer/mill. • BAESMA 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. <p>Security: Where applicable, Suppliers of Security classified CTCL items are to have DISP membership at the level required by BAESMA Security. BAESMA 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.</p> <p>Note: Please refer to BAES Supplier Portal for the BAESMA Supplier Quality Assurance Manual (SQAM) ANNEX E – Rules for Approval when supplying Contract or PO specified Critical (CTCL) Items/Products.</p>

ACRONYM CODE	DEFINITION
CUT	<p><u>CUT PARTS/REMNANTS (FOR SUBCONTRACTED FABRICATION)</u></p> <p>All supplies shall comply, as a minimum, with the following requirements as well as any additional project requirements additionally attached to this PO:</p> <ul style="list-style-type: none"> • 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).
DIR	<p><u>DIMENSIONAL INSPECTION REPORT (DIR)</u></p> <p>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.</p> <p>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).</p> <p>For those bulk supplies, only a sample is required to be tested in accordance with AS1199.1-2003 Sampling and tables for Inspection by Attributes or ISO 2859-1-1:1999 Sampling Procedures for Inspection by Attributes, to an Acceptable Quality Level (AQL) of 0.65 and General Inspection level II or Level I as agreed with BAESMA prior to commitment to supply.</p>
DNV	<p><u>Det Norske Veritas (DNV) CERTIFICATION REQUIREMENTS</u></p> <p><u>HCFP CERTIFICATION REQUIREMENTS FOR WELDING CONSUMABLES</u></p> <p>The Supplier shall provide certification in accordance with the requirements/specific details outlined in Contract. This shall be against the applicable details in the stated version of the Lloyd's Register (Rules and Regulations for the Classification of Naval Ships January 2020 edition as per contact/PO), to satisfy the LR Class requirements. To the extent applicable, the following criteria shall apply:</p> <ol style="list-style-type: none"> 1. Where Lloyds Rules welding consumable type approval certification is not available the Supplier shall provide Det Norske Veritas type approvals (DNV Certification indicating that the welding consumables have been produced in facilities approved by DNV) <p>Additional batch testing applies, Consumables to be quarantined once received by BAESMA and Weld Engineering shall be contacted for approval.</p>
DWG	<p><u>DRAWING</u></p> <p>The supplier shall supply drawings of the items to be supplied in accordance with the requirements of the technical specification.</p>

ACRONYM CODE	DEFINITION
EAI	<p><u>ELECTRICAL CABLE ASSEMBLY INSPECTION DOCUMENTATION</u></p> <p>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.</p> <p>In conjunction with the FPT documentation requirements, the Supplier shall also provide a Certificate of Conformance (Acronym COCM), issued by the original manufacturer.</p> <p>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:</p> <ul style="list-style-type: none"> ▪ 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. <p>The Supplier shall also ensure all cable ends are sealed with blanking plugs and the cable assembly is packaged in a non-transparent material.</p> <p>The Supplier shall ensure the following information is clearly marked outside the cable assembly non-transparent packaging material:</p> <ul style="list-style-type: none"> ▪ PO Number, Revision and Line item Number; ▪ 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. <p>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).</p>

ACRONYM CODE	DEFINITION
ECI	<p><u>ELECTRICAL CABLE INSPECTION DOCUMENTATION / FUNCTIONAL PERFORMANCE TEST</u></p> <p>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.</p> <p>In conjunction with Acronym FPT documentation requirements, the Supplier shall also provide a Certificate of Conformance (COCM), issued by the original cable manufacturer.</p> <p>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:</p> <ul style="list-style-type: none"> • 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. <p>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.</p> <p>The Supplier shall ensure the following information is clearly marked outside the cable packaging material:</p> <ul style="list-style-type: none"> • PO Number, Revision and Line Item Number; • 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. <p>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.</p> <p>Note 1: If in doubt, the Supplier shall consult the BAESMA Purchasing Representative prior to commitment to supply.</p> <p>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).</p>

ACRONYM CODE	DEFINITION
FA	<p><u>FABRICATED ASSEMBLIES OR SUBASSEMBLIES</u></p> <p>All supplies of fabricated assemblies or subassemblies shall comply at a minimum (and where specified in the Contract/PO specification), with the following requirements as well as any additional project requirements attached to the Contract:</p> <ul style="list-style-type: none"> • 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 BAESMA. • 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. • 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. <p>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 Contract or as required in the applicable product liability law.</p>
FAI	<p><u>FIRST ARTICLE INSPECTION</u></p> <p>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 BAESMA approval before continuing production (unless otherwise approved by BAESMA).</p>
FHR	<p><u>FLEXIBLE HOSE QUALITY OQE REQUIREMENTS</u></p> <p>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.</p> <p><u>Hose Identification Requirements:</u> The hose must be fitted with an aluminum or stainless steel tally plate displaying:</p> <ul style="list-style-type: none"> • BAESMA 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 (as applicable); • Functional description. <p>Note 1: Refer to attribute code PTC for other requirements not specified in FHR.</p>

ACRONYM CODE	DEFINITION
FPT	<p><u>FUNCTIONAL PERFORMANCE TEST / EQUIPMENT GENERAL</u></p> <p>The Supplier shall provide a test certificate containing, as a minimum, the following data:</p> <ul style="list-style-type: none"> • 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; • Confirmation that the item passed the test; • Medium used for the test (if applicable); Identification by name and position/role of all personnel involved in the conduct of the test (including witnesses). <p>The completed Test Certificate shall be in English.</p> <p>Note: a copy of the certification of the test equipment used for the performance test of the item is also to be supplied (refer to Test Equipment Calibration Certificate TEC).</p>
FST	<p><u>FIRE RESISTANCE, SMOKE AND TOXICITY CERTIFICATION</u></p> <p>The Supplier shall provide certificate/s or test report/s to demonstrate the fire, smoke and toxicity properties of the parts to be supplied in accordance with the relevant standards specified in the technical specification (if any) or, alternatively, international recognised standards.</p>
GII	<p><u>GOODS INWARDS INSPECTION (BY BAESMA ON RECEIPT OF GOODS)</u></p> <p>This PO is subject to 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 Contract shall be submitted by the Supplier prior to BAESMA inspection and acceptance.</p> <p>Note 1: The inspection conduct, extent and methodology is defined in the BAESMA Receipt Inspection procedure.</p>
HTR	<p><u>HEAT TREATMENT RECORD (HTR)</u></p> <p>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.</p> <p>The report is to include furnace ID and calibration details.</p> <p>The report shall state, as minimum, the following information:</p> <ul style="list-style-type: none"> • 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. <p>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).</p>

ACRONYM CODE	DEFINITION
HVR	<p><u>HIGH VOLTAGE TEST REPORT</u></p> <p>The Supplier shall supply a report with the record of the high voltage test details. The report shall include as a minimum the following:</p> <ul style="list-style-type: none"> • Item serial number; • Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note 1 below. <p>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).</p> <p>Note 2: this report may be part of the functional performance test report.</p>
I&M	<p><u>INSTALLATION AND MAINTENANCE (INSTRUCTIONS)</u></p> <p>The supplier shall supply installation and/or maintenance instructions of the items to be supplied in accordance with the requirements of the technical specification.</p>
ISR	<p><u>INTERNAL CONDITION STATUS REPORT</u></p> <p>The Supplier shall provide a report to capture the internal condition status of the item e.g. pressure vessel, 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:</p> <ul style="list-style-type: none"> • Photos of the internal conditions before packing for shipping. • Description of the internal conditions including the reporting of any testing medium used for the testing, if they have been properly drained and the vessel dried out, etc. • Laundry and cleaning reports such as details of the preserving (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.
ITAR	<p><u>ITAR / EAR SPECIFIED ITEMS</u></p> <p>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:</p> <ul style="list-style-type: none"> • The name of the goods being transferred to BAESMA, and any other identification marking or description required to fully describe the goods; • The authorisation number (e.g.: Technical Assistance Agreement / Manufacturing License Agreement / General Correspondence / Export License) of the goods being transferred; and • If the goods being transferred will be supplied with, any ITAR or EAR controlled technical manuals, instructions, documentation.
ITP	<p><u>INSPECTION AND TEST PLAN (ITP)</u></p> <p>Where specifically required in the 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.</p> <p>The ITP shall contain provision for hold and witness points. Prior to work commencement, BAESMA may need to allocate Hold and Witness points.</p> <p>Hold and witnessing points may need signing off by BAESMA or its nominated third party representative, e.g. the Commonwealth of Australia or Classification Society as required.</p> <p>Note: Refer to the BAESMA SQAM in the BAES Supplier Portal for a generic ITP form/example.</p>

ACRONYM CODE	DEFINITION
ITR	<p><u>INSULATION TEST REPORT</u></p> <p>The Supplier shall supply a report with the record of the insulation test details. The report shall include as a minimum the following:</p> <ul style="list-style-type: none"> • Item serial number; • Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note 1 below. <p>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).</p> <p>Note 2: this report may be part of the functional performance test report.</p>
LAC	<p><u>LIFTING ARRANGEMENTS CERTIFICATE</u></p> <p>When an item has to be provided with lifting arrangements for its manoeuvre, 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.</p>
LCS	<p><u>LOAD CERTIFIED STATEMENT (LCS)/TEST REPORT</u></p> <p>When supplying safety lifting equipment/items, the Supplier shall ensure:</p> <ul style="list-style-type: none"> • The LCS/Test Report as applicable is to state that items have been tested and certified in accordance with a nationally approved standard. • The LCS/Test Report is to state that the item is capable of lifting/carrying the specified load. • Copies of the LCS/Test Reports/OQE may be required as agreed with BAESMA on a case-by-case basis and prior to commitment to supply. • A tally plate providing load test details is to be attached to each individual item supplied to the extent applicable. <p>Note 1: Ropes and cables are exempt from tally plate requirements.</p> <p>Note 2: A copy of the Testing Equipment Certification used for the testing of the item is to be supplied (as required, see Note 3) together with this certificate. Refer to Test Equipment Calibration Certificate Acronym TEC.</p> <p>Note 3: The TEC is required where Supplier/sub-tier Quality data e.g. accreditation/certification by third parties such as NATA, Lloyds, DNV, TUV, etc. or BAESMA Supplier Quality approval including audit/visit reports, are not available. If in doubt, please contact BAESA – Maritime SQA representative for further clarification.</p>

ACRONYM CODE	DEFINITION
LR	<p><u>HCFP LLOYD'S REGISTER (LR) NAVAL RULES CERTIFICATION REQUIREMENTS</u></p> <p>The Supplier shall provide certification in accordance with the requirements/specific details outlined in Contract. This shall be against the applicable details in the stated version of the Lloyd's Register (Rules and Regulations for the Classification of Naval Ships January 2020 edition as per contract/PO), to satisfy the LR Class requirements. To the extent applicable, the following criteria shall apply:</p> <ol style="list-style-type: none"> 1. All goods supplied subject to LR rules are to be supplied with appropriate certification acceptable to Lloyd's Register, as required by subsequent chapters, or other parts (inclusive of IMO regulations) of the rules and notation as specified. The supplier is responsible for contacting, agreeing level of design approval, attendance during manufacture/testing and final certification requirements with their local Lloyd's Register office prior to starting the work (the supplier's local office can be located on Lloyd's Register's website https://www.lr.org/en/contact-us/office-finder/). 2. The Supplier shall provide evidence (Lloyd's Register material manufacturer certification, etc.) indicating that the products have been produced in facilities approved by Lloyds Register (LR) e.g. tubes, pipes, plates, forgings, welding consumables, etc., where required by Lloyd's Register to have 'works approval' prior to manufacture of materials, equipment or components. 3. Lloyd's Register 'Type Approval' will be required for, e.g. Unions, fittings, MCT transit frames, etc. where directed in Contract or agreed with Lloyd's Register. <p>NOTE 1 – HCFP pipework as specified in the PO. Reference: Lloyd's Register Rules and Regulations for the Classification of Naval Ships (January 2020 Volume 2 Machinery and Engineering Systems-Part 7 Piping systems-Chapter 1 Piping Design Requirements - Section 4 Materials).</p> <ol style="list-style-type: none"> 4. Class I and II metallic pipe materials and components (including hull/shell valves and fittings, including fittings on the collision bulkhead regardless of class) are to be manufactured in accordance with LR Rules for Materials at an LR approved manufacturer/works and supplied with 3.2 certification where LR is the third party signatory. 5. Class III pipe materials are to be manufactured and tested in accordance with an acceptable national standard and is acceptable with 3.1 manufacturer's certification, which does not need to come from an LR, approved works/manufacturer. 6. Where the Class I and II system design meets the requirements of table 1.4.1 Maximum conditions for pipes, valves and fittings for which manufacturer's materials test certificate is acceptable (<i>LR Naval Rules Volume 2, Part 7, Chapter 1, Section 4 Materials</i>), a 3.1 manufacture's certification is acceptable. 7. Requirements for Non-metallic pipe is to be specially agreed with the customer and Lloyd's Register. 8. LR Class I and II pipework requires to be constructed under survey by Lloyd's Register as defined in an agreed ITP with the attending surveyor. LR Class III pipework is to be fabricated in accordance with the contract specifications and quality requirements as supplied by the customer. Level of design approval requirement or supply of approved design(s) for fabrication will be indicated by the customer. <p>NOTE 2 - Pre-delivery Verification Inspection (PDVI)</p> <p>In specific cases, the Contract may specify customer/third party/Lloyd's (LR) pre-delivery verification Inspections (PDVI).</p>

ACRONYM CODE	DEFINITION
MAC	<p><u>MATERIAL AGE CONTROL /SHELF LIFE</u></p> <p>The Supplier shall identify all materials subject to age control shelf life with the following information:</p> <ul style="list-style-type: none"> • 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. <p>Such material shall, on receipt by BAESMA, have a minimum of 80% of its shelf life remaining, unless otherwise approved by BAESMA.</p> <p>Note 1: This information may be included in the certificate of conformance.</p> <p>Note 2: The shelf life or use by date is also to be stated on the packing.</p>
MTC2.1	<p><u>EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 2.1</u></p> <p>The Supplier shall provide, to the requirements of EN 10204:2004 Type 2.1, a document issued by the Original Equipment Manufacturer stating that the supplied goods comply with the requirements of the material standard/s as specified in the BAESMA PO.</p> <p>Note: specific test certificates are not required to be supplied.</p>
MTC2.2	<p><u>EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 2.2</u></p> <p>The Supplier shall provide, to the requirements of EN 10204:2004 Type 2.2, a test report issued by the Original Equipment Manufacturer confirming that the goods supplied comply with the requirements of the material standard/s as specified in the BAESMA PO.</p> <p>Document in which the manufacturer declares that the products supplied are in compliance with the requirements of the order and in which he supplies test results based on non-specific inspection.</p>
MTC3.1	<p><u>EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 3.1</u></p> <p>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 that the goods supplied comply with the requirements of the material standard/s as specified in the BAESMA PO. The inspection document shall be accompanied by all applicable test reports.</p> <p>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.</p> <p>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.</p>
MTC3.2	<p><u>EN 10204:2004 METALLIC MATERIALS INSPECTION DOCUMENTATION TYPE 3.2</u></p> <p>The Supplier shall provide, to the requirements of EN 10204:2004 Type 3.2, an inspection certificate endorsed by the original equipment manufacturer's independent authorised representative and with endorsement by Lloyds Register (LR).</p> <p>Note 1: The Type 3.2 certification can only be issued by the original material manufacturer, e.g. mill, foundry etc. and where a third party (LR) is present to witness the testing on which the certificate is based.</p> <p>Note 2: The 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.</p>

ACRONYM CODE	DEFINITION
NDT	<p><u>NON-DESTRUCTIVE TESTING (NDT)</u></p> <p>When required in the 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.</p> <p>Personnel undertaking NDT shall also be suitably qualified in accordance with the applicable standards. NDT testing comprises, as applicable: Radiography Testing (RT) X-ray/Gamma, Magnetic Particle Testing (MPT), Ultrasonic Testing (UT), Dye Penetrant Testing (DPT), Fluorescent X-ray (FXray), Visual Inspection (VI) and/or other specified method.</p> <p>The NDT report shall contain the following information:</p> <ul style="list-style-type: none"> • Material batch number (heat, charge, cast, lot) or serial number. • CUSTOMER part number. • Type of NDT and relevant standard tested to. • Signature of the qualified person. <p>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).</p>
NOI	<p><u>NOISE CERTIFICATE</u></p> <p>When required in the Contract for items to have a maximum noise level, the Supplier shall:</p> <ul style="list-style-type: none"> • Provide a statement/certificate that the delivered item has been tested and certified in accordance with the required noise standard. <ul style="list-style-type: none"> ○ The statement/certificate shall include a description of how the delivered item has been tested, including relevant standards. • Copies of the noise report may be required to sell off the statement/certificate as agreed with BAESMA on a case-by-case basis and prior to commitment to supply. <p>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.</p>
NONE	<p><u>NONE (NO OQE REQUIREMENTS)</u></p> <p>There are no quality requirements/acronym codes applied to this part/item.</p>
OPI	<p><u>OPERATIONAL INSTRUCTIONS</u></p> <p>The Supplier shall supply operational instructions of the items to be supplied in accordance with the requirements of the technical specification.</p>
PDVI	<p><u>PRE-DELIVERY VERIFICATION INSPECTION (PDVI)</u></p> <p>A purchaser Pre-delivery Verification Inspection (PDVI) by BAESMA or a BAESMA 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 BAESMA internal processes prior the dispatch of the goods.</p> <p>The Supplier is to advise BAESMA 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 BAESMA.</p> <p>Note: Refer also to Acronym LR for Lloyds PDVI requirements.</p>

ACRONYM CODE	DEFINITION
<p>PKCI</p>	<p><u>PACKAGING, IDENTIFICATION AND MARKING OF CERTIFICATION ITEMS</u></p> <p>The Supplier shall ensure the following information is clearly marked both on the supplied goods themselves and outside their packaging:</p> <ul style="list-style-type: none"> • 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. <p>Note: the serial number shall be permanently stamped, stenciled, etched or engraved on the delivered item in a clearly visible location.</p> <p>Additionally, the following marking data shall be provided on the outside of the goods supplied packaging:</p> <ul style="list-style-type: none"> • PO Number and Line Number; and • Catalogue Number and/or Part Number (if applicable).
<p>PKEL</p>	<p><u>PACKAGING, ELECTRICAL ASSEMBLIES AND COMPONENTS (including Circuit Boards)</u></p> <p>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.</p> <p>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.</p>
<p>PKFH</p>	<p><u>PACKAGING, IDENTIFICATION AND MARKING OF FLEXIBLE HOSE ASSEMBLY</u></p> <p>The Supplier shall ensure all openings are sealed with blanking plugs and the hose assembly is packaged in a non-transparent material.</p> <p>The Supplier shall ensure the following information is clearly marked on the hose non-transparent packaging material:</p> <ul style="list-style-type: none"> • The manufacturer’s company name; • The manufacturer’s unique serial number/batch number; • Manufacturing standard and hose type; • Test date and pressure; • Cure date; • PO Number and Line Number; and • Catalogue Number and/or Part Number (if applicable). <p>The above information shall be provided on a durable metallic or plastic tag suitably banded onto the hose assembly, unless specified otherwise by BAESMA.</p> <p>Note 1: Refer to Flexible Hose Quality OQE Requirements Acronym FHR for additional hose OQE requirements, including marking of the hose assembly itself.</p>

ACRONYM CODE	DEFINITION
<p>PKG</p>	<p><u>PACKAGING, IDENTIFICATION AND MARKING (GENERAL)</u></p> <p>The Supplier shall ensure all goods supplied are appropriately packed for the hazards associated with their mode of transport.</p> <p>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:</p> <ul style="list-style-type: none"> • PO Number and Line Number; • Catalogue Number and NATO Stock Number (if applicable); • Item Description; and • Item Quantity and Unit of Measure. <p>All goods supplied are to be individually and clearly marked as detailed above via a permanent & durable method to reduce risk of environmental conditions and impact.</p> <p>NOTE 1: 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.</p> <p>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.</p> <p>NOTE 2: Products with the same Part number and Batch number can be grouped together provided they are clearly identified and adequately packaged to prevent damage & deterioration.</p> <p>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.</p> <p>Additional packing requirements may be required by other Acronyms.</p>
<p>PKM</p>	<p><u>PACKAGING, IDENTIFICATION AND MARKING OF METALLIC PRODUCTS</u></p> <p>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 BAESMA. Marking data shall contain, as a minimum, the following information:</p> <ul style="list-style-type: none"> • PO Number, Revision and Line Number; • Catalogue Number and/or Part Number (if applicable); and • Material Type, Grade and Dimensions (including thickness). <p>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.</p> <p>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.</p> <p>Thin sheet metal supplied in boxes shall be marked indelibly on the top sheet of the box.</p>
<p>PKST</p>	<p><u>SOLID TIMBER PACKAGING</u></p> <p>For imported goods where the transport of goods that BAESMA 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".</p>

ACRONYM CODE	DEFINITION
PPAP	<p><u>PRODUCTION PART APPROVAL PROCESS (PPAP)</u></p> <p>The Supplier shall submit a Part Submission Warrant and supporting documentation to BAESMA for approval, before continuing with further production.</p> <p>The Supplier shall submit the following data accompanied by the required order quantity:</p> <ul style="list-style-type: none"> • 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). <p>Note: The Supplier shall ensure the data and samples are available for review by a BAESMA representative on an agreed date and time.</p>
PRC	<p><u>PAINT RECORD CERTIFICATE</u></p> <p>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:</p> <ul style="list-style-type: none"> • 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. <p>If requested by BAESMA for the initial delivery covered by the PO, the paint shall be subject to approval by BAESMA for colour, texture and gloss levels.</p> <p>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.</p> <p>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 BAESMA.</p>
PTC	<p><u>PRESSURE TEST CERTIFICATE (PTC)</u></p> <p>For items/goods requiring a pressure/leak test, the Supplier shall provide a test certificate containing, as a minimum, the following data:</p> <ul style="list-style-type: none"> • 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 or batch number of the item; • The applicable standards; • The parameters of the test (test pressure) and acceptance criteria; • Whether the item passed or failed the test; • Medium used for the test; • Type of equipment utilised for the testing/calibration of the item (including serial number and next calibration due date) – see note below; • The re-seat pressure (applicable to relief valves). <p>The completed test certificate shall be in English.</p> <p>Note: 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).</p>

ACRONYM CODE	DEFINITION
RPNT	<p><u>REGISTERED PLANT AND EQUIPMENT</u></p> <p>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:</p> <ul style="list-style-type: none"> 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. <p>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.</p>
S&H	<p><u>STORAGE AND HANDLING (GENERAL)</u></p> <p>The Supplier shall clearly identify on the product any items that require special storage or handling e.g. refrigeration and humidity control.</p> <p>When required by the technical specification, the Supplier shall provide any cleaning procedures required to maintain the parts or the list of products that are acceptable for cleaning the parts.</p>
SDS	<p><u>SAFETY DATA SHEETS (SDS) / HAZARDOUS MATERIAL DECLARATION</u></p> <p>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).</p> <p>Safety Data Sheets must:</p> <ul style="list-style-type: none"> 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 headings/section 1-16 as set out in South Australia Work Health Safety Regulations 2012 (Version: 1.1.2021) – Refer Schedule 7 –Safety Data Sheets, Regulations 330 and 331. <p>If in doubt, refer to SDS ChemaAlert Support casupport@rmt.com.au</p> <p>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.</p>
SHCK	<p><u>SHOCK CERTIFICATION (SHCK)</u></p> <p>Where required in the Contract for shock certified items, the Supplier shall:</p> <ul style="list-style-type: none"> Provide a statement/certificate indicating that the item has been tested and certified in accordance with the specified shock standard. <ul style="list-style-type: none"> The statement/certificate shall include a description indicating how shock certification was achieved for the item, i.e. by test, analysis or extension. Copies of the shock test report/analysis will be required as agreed with BAESMA prior to commitment to supply and as part of the first delivery of the part. <p>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 Testing Equipment Calibration Certificate Acronym TEC), if applicable.</p>

ACRONYM CODE	DEFINITION
SN	<p><u>SERIAL NUMBER</u></p> <p>Each individual complete product assembly and/or individual product supplied shall have a unique serial number assigned to it during the manufacturing or OEM process. The serial number shall be visibly and legibly permanently fixed or applied and secured on the delivered product/s.</p> <p>Serial number shall be traceable to applicable OQE.</p> <p>The method of fixing or applying and securing the serial number to the goods is at the discretion of the OEM including any relevant standard/s or specifications the product/s has been designed and manufactured against.</p> <p>Note: In the event a Serial number is missing from a product during the OEM manufacturing process and a SN requirement is applicable to the Purchase Order or Contract, the Supplier shall NOT deliver the goods without written authority and approval by the BAESMA authorised representative.</p>
SSH	<p><u>STATIC SAFE HANDLING</u></p> <p>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 current industry standards for static Safe Handling, e.g. AS/NZS 1020:2023 The control of undesirable static electricity.</p> <p>The packaging materials and the marking of containers used to ship electronic sensitive devices to BAESMA shall conform to current industry standards.</p>
STF	<p><u>SURFACE TREATMENT FINISH</u></p> <p>The surface finish for certain materials is critical for their performance. The Supplier shall provide certification that the specified surface treatment on materials, e.g. electroplating, chemical conversion, anodising, passivation, painting*, etc., has been achieved, including the relevant standards and methodology used to achieved it.</p> <p>Note: Refer to PRC* attribute code as applicable.</p>
TEC	<p><u>TEST EQUIPMENT CALIBRATION CERTIFICATE/CERTIFIED STATEMENT</u></p> <p>The test equipment certificate/certified statement 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 organisations e.g. A2LA.</p> <p>The certified statement shall include:</p> <ul style="list-style-type: none"> • Serial number. • Date of next calibration due. <p>In lieu of the certified statement, copies of the calibration certificates may be provided.</p>
VIB	<p><u>VIBRATION CERTIFICATE</u></p> <p>Where required in the Contract for items to be compliant the relevant vibration standard, the Supplier shall:</p> <ul style="list-style-type: none"> • Provide a statement/certificate that the delivered item has been tested and certified in accordance with the required vibration standard. <ul style="list-style-type: none"> ○ The statement/certificate shall include a description of how the delivered item has been certified, by test, by analysis or by extension. • Copies of the vibration report/analysis will be required as agreed with BAESMA prior to commitment to supply and as part of the first delivery of the part. <p>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.</p>

ACRONYM CODE	DEFINITION
WCCD	<p><u>WEIGHT CONTROL CERTIFICATION DATA (WCCD)</u></p> <p>To the extent applicable, the Supplier shall supply information on the current weight and the location of the center of gravity of goods supplied. The Supplier shall supply the weight data in the following sequence:</p> <ul style="list-style-type: none"> • Weight estimate for all goods within the Supplier’s proposal, including a specific estimate for operating fluids (if applicable). • Calculated weight and center 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 center of gravity, shown on the Supplier’s own weight certificate, for all goods supplied, noting if fluids were present during the weighing (if applicable). <p>Where it is impractical to weigh the goods being supplied, the Supplier may, with BAESMA’s prior approval, provide measured weights of identical equipment or individual components.</p> <p>It is the Supplier’s responsibility to submit all deviations to previously specified data because of development during design and construction.</p> <p>Where the Supplier is providing goods in multiple delivery quantities, only deviations from the lead product need to be reported.</p> <p>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).</p> <p>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.</p> <p>For those bulk supplies, only a sample is required to be tested in accordance with AS1199.1-2003 Sampling and tables for Inspection by Attributes or ISO 2859-1-1:1999 Sampling Procedures for Inspection by Attributes, to an Acceptable Quality Level (AQL) of 0.65 and General Inspection level II.</p>
WCCS	<p><u>WELDING CONTROL CERTIFIED STATEMENT (WCCS)</u></p> <p>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.</p> <p>The certified statement shall include reference to welding/brazing procedures, welding consumables, weld procedure qualification records, welder qualification records, production weld records, weld maps and welding non-destructive testing as required.</p> <p>The statement shall be signed by a qualified welding inspector or equivalent welding supervisor. All associated records shall be made available for inspection by BAESMA on request.</p>
WENG	<p><u>WELD ENGINEERING</u></p> <p><u>HCFP CERTIFICATION REQUIREMENTS FOR WELDING CONSUMABLES</u></p> <p>The Supplier shall provide certification in accordance with the requirements/specific details outlined in Contract. This shall be against the applicable details in the stated version of the Lloyd’s Register (Rules and Regulations for the Classification of Naval Ships January 2020 edition as per contact/PO), to satisfy the LR Class requirements. To the extent applicable, the following criteria shall apply:</p> <ol style="list-style-type: none"> 1. Where IACS (International Association of Classification Societies) welding consumable type approval certification is not available, the Supplier shall inform BAESMA and receive approval by weld engineering. <p>Additional batch testing applies, Consumables to be quarantined once received by BAESMA and Weld Engineering shall be contacted for approval.</p>