



# Statement of Quality Requirements (SOQR)

<b>Guidance Notes on the use of this form</b> a) Supplier/sub-contractor may require inspections or tests in addition to those shown (A,B,C or D – see key below). b) Each item shall be positively identified with its quality records. c) Contracting Authority will provide requirement for third party release inspection of SOQR inspections and tests. d) SOQR shall be raised by the organization nominated by the Design Authority (DA) responsible for the quality assurance requirements, e.g., DA LCMM, Design Agent, Main Contractor. e) The SOQR originator may amend the 5 year retention period to meet their requirements. f) The QCA number is structured as QCA/ contract order number, or tracking number / line item on order/ number of item. The QCA number is to be marked on the component or assembly IAW C-23-VIC-000/AM-001 part 3, para 27, 28, 29, and 30. g) The standards quoted on this SOQR are current to the SOQR initial date. h) Objective Quality Evidence to be supplied in English i) All process listed on process form 4560-E/F to be supplied to Canada before commencing work	NATO Stock Number <b>997799796</b>	Serial Number	Contact, Order, or Tracking No. <b>QCA/ / 014 /</b>	Line Item As Per Order	
	Description <b>STUD, NECKED M20 x 78 LG</b>	Initial Date (DD-MM-YYYY) <b>07/11/2022</b>		Previous Enquiry/ RFQ <b>6000587232</b>	
	LCMM <b>DMEPM(SM) 4-5-4</b>	Contractor		Contractor Address	
	LCMM Phone Number <b>(819) 939-3567</b>	Contractor Phone Number			

Notes	Documentation Requirements / Type of Test																		
	Material and Components					Welding and Brazing					Tests					Assembly / Order Item			

- Cure date of any rubber item shall be indicated on the Certificate of Conformity
- Test pressure for item 38 shall be indicated in the box below (if required)
- Surface Flaw examination to be IAW BS EN ISO 9934 (DEF STAN 02-729 Part 2), DEF STAN 02-729 Part 3, BS EN ISO 3452 (DEF STAN 02-729 Part 4), or DEF STAN 08-171 as per material specifications
- As provided as an attachment
- Ultrasonic Examination of Bar Material is to be an approved procedure written to the general requirements of DEF STAN 08-171 or DEF STAN 02-729 Part 5
- A heat treatment certificate is required if raw material is heat treated from supply condition or post manufacturing/plating, if null then at minimum a comment on the Certificate of Conformity is required
  - Fasteners IAW D STN 02-862 Part 3 clause 6.6.4; a mill certification must be supplied
  - NAB items IAW material specifications or if not required by the specifications then as a minimum a heat treatment certificate shall be supplied that states the heat treatment condition such as "hot worked"
- Zinc plated and passivated IAW DEF STAN 02-862 Part 3
- Wall thickness values are to be recorded on a wall thickness recording sheet in such a way that they are cross referenced to a grid based sketch IAW DEF STAN 02-872 Part 2, clause 3.4b

Notes	Documentation Requirements / Type of Test																																																
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Item Identification	Chemical	Mechanical	Heat Treatment	Material Control	Surface Treatment	Ultrasonic	Radiographic	Class of Casting	Validation / Re-validation	Surface Flaw (Mag Part, Dye Pen.)	Surface Finish, Visual and Dimensional	Pressure	Load	Continuity and condition identification	Insulation Resistance	Hydraulic and Insulation	High Voltage Ionisation	Welding - General / Records	Welding - Acceptance Class	Weld Repair Records - NAB (if applic.)	Visual	Surface Flaw (Mag Part, Dye Pen.)	Radiographic	Load	Cable Certificate	Hydraulic and Insulation	Open Cable Destruction	High and Low Temp Cycling	Shock Test	Process Form	Customer's QASOR (or SOQR)	Performance / Functional	Cleanliness	Dimensional	Calibration	Preservation and Packing	Certificate of Conformity	Miscellaneous Certificates	Concessions / Deviations / Waivers	Release Inspection	Class of Documentation								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		
MX/00680/SL/012/02	STUD, NECKED, M20 x 78 LG				DSTAN 02-862 PT3 SM1-M				A	C	C	C	C	C	C	C	A																																QCA

<b>Key to Documentation Requirements/Type of Tests</b>											1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48																																																																																																							
<p>A. Certification to be retained by the manufacturer for a period of 5 years and copies to be distributed in accordance with contract requirements.</p> <p>B. Certification to be retained by the manufacturer for a period of 5 years.</p> <p>C. Certification to be copied to the Records Authority for retention in the Quality Assurance Live File.</p> <p>D. Documentation to be copied to the Records Authority for retention as required.</p> <p>X. (written over A, B, C, or D) Re-used item. Original Certificates IAW C-23-VIC-000/AM-001</p>											<table border="1"> <tr> <td>Record on DND 2513 or Equivalent (Note 1)</td> <td>Material Specification</td> <td>Material Specification</td> <td>Material Specification / Note 6</td> <td>Note 7 or Drawing</td> <td>DSTAN 02-729 PT 5</td> <td>DSTAN 02-729 PT 1</td> <td>DSTAN 02-745 / DSTAN 02-863</td> <td>DSTAN 02-872 PT 2 / PT 3</td> <td>Note 3</td> <td>Drawing / If NAB: Note 8</td> <td>Drawing</td> <td>BS 1726 PT 1 / Drawing</td> <td>Supplier's Certificate</td> <td>DSTAN 08-171 Test#3 (14299#5)</td> <td>DSTAN 08-171 Test#6 (14299#6)</td> <td>DSTAN 08-171 Test#9 (14299#8)</td> <td>DSTAN 08-171 Test#12 (14299#10)</td> <td>DSTAN 02-706</td> <td>DSTAN 02-706</td> <td>DSTAN 02-743 PT 5</td> <td>DSTAN 02-863 Iss 2</td> <td>DSTAN 02-773</td> <td>DSTAN 02-706</td> <td>DSTAN 02-706</td> <td>DSTAN 02-743 PT 5</td> <td>DSTAN 02-729 PT 5</td> <td>Note 3</td> <td>DSTAN 02-729 PT 1</td> <td>DSTAN 08-171 Test#21 (14299#15)</td> <td>DSTAN 08-171 Test#20 (14299#14)</td> <td>DSTAN 08-171 Test#18 (14299#13)</td> <td>DSTAN 08-171 Test#14 (14299#12)</td> <td>DSTAN 08-171 Test#15 (14299#11)</td> <td>Certificate of Conformity</td> <td>Drawing</td> <td>DSTAN 02-797 PT 1/02-375</td> <td>DSTAN 02-341 PT 1 Gr.</td> <td>D</td> <td>See Miscellaneous Certificates</td> <td>See Miscellaneous Certificates</td> <td>DND 2513 or Equivalent (Note 4)</td> <td>See Miscellaneous Certificates</td> <td>See Miscellaneous Certificates</td> </tr> </table>																																								Record on DND 2513 or Equivalent (Note 1)	Material Specification	Material Specification	Material Specification / Note 6	Note 7 or Drawing	DSTAN 02-729 PT 5	DSTAN 02-729 PT 1	DSTAN 02-745 / DSTAN 02-863	DSTAN 02-872 PT 2 / PT 3	Note 3	Drawing / If NAB: Note 8	Drawing	BS 1726 PT 1 / Drawing	Supplier's Certificate	DSTAN 08-171 Test#3 (14299#5)	DSTAN 08-171 Test#6 (14299#6)	DSTAN 08-171 Test#9 (14299#8)	DSTAN 08-171 Test#12 (14299#10)	DSTAN 02-706	DSTAN 02-706	DSTAN 02-743 PT 5	DSTAN 02-863 Iss 2	DSTAN 02-773	DSTAN 02-706	DSTAN 02-706	DSTAN 02-743 PT 5	DSTAN 02-729 PT 5	Note 3	DSTAN 02-729 PT 1	DSTAN 08-171 Test#21 (14299#15)	DSTAN 08-171 Test#20 (14299#14)	DSTAN 08-171 Test#18 (14299#13)	DSTAN 08-171 Test#14 (14299#12)	DSTAN 08-171 Test#15 (14299#11)	Certificate of Conformity	Drawing	DSTAN 02-797 PT 1/02-375	DSTAN 02-341 PT 1 Gr.	D	See Miscellaneous Certificates	See Miscellaneous Certificates	DND 2513 or Equivalent (Note 4)	See Miscellaneous Certificates	See Miscellaneous Certificates																																																																			
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## 1<sup>st</sup> Level Submarine Certificate of Conformity and Index of Documentation Certificat de conformité de sous-marin de 1<sup>er</sup> niveau et index des documents

Unique identification number - Numéro d'identification unique <b>QCA</b>	PWGSC contract number: Numéro du contrat de TPSGC :
Description	PWGSC line item: Ligne d'article de TPSGC :
	NATO stock number: Numéro de nomenclature OTAN :
	Purchase order number: Numéro de commande :
Comments - Commentaires	
Raised by: Demandé par :	

### Assembly details - Détails d'assemblage

Quantity - Quantité	Serial no. - N° de série	Deviations / Waivers - Déviations / Exemptions
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### Component details - Détails des composantes

SOQR sheet no. N° de feuille EEQ	Let	Serial no. / Deviations / Waivers N° de série / Déviations / Exemptions	Material ID / Material spec / Batch lot no. ID du matériel / Spéc du matériel / N° de lot	X-Ray no. N° de rayons X	Cure date Date de vulcanisation	Validation date Date de validation

### Certification statement - Énoncé de certification

We hereby certify that the goods and documentation as detailed on this form conform to the requirements of the purchase order or contract. Documentation will be retained by \_\_\_\_\_ and made available for audit.

Nous certifions par les présentes que les produits et les documents décrits sur le présent formulaire sont conformes aux exigences du numéro de commande ou du contrat, les documents seront conservés par \_\_\_\_\_ et seront disponibles à des fins de vérification.

Date	Name (printed) - Nom (lettres moulées)	Title - Titre	Signature
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## **Comments/Instructions**

Unique identification number: A number unique to the assembly or part referenced on the SOQR requisition number. This number shall be preceded by the letter QCA and must include the line number of the item on the SOQR. This unique identification number shall be etched on the materiel IAW C-23-VIC-000/AM-00.

QCA: Quality Control Assured. Acronym used to precede unique number for all 1st level parts

Description: Proper item name IAW CGCS

PWGSC contract number: Contract Number

PWGSC line item: Line number of item from the PWGSC contract

NATO stock number: Self explanatory

Purchase order number: Self explanatory

Comments: Any and all comments/concerns regarding item being provided under this certificate

Raised by: Who raised the comments and under what authority

Quantity: Quantity of items manufactured under this specific number. See "Batch Identification" in C-23-VIC-000/AM-001

Serial no.: Any serial number associated with this assembly

Deviations / Waivers: Any and all deviations or waivers associated with the manufacture of this item

SOQR sheet no.: Multiple SOQR sheets may sometimes be necessary

Let: Letter of line associated with SOQR sheet

Serial no. / Deviations / Waivers: Component specific serial numbers or deviations/waivers

Material ID: Numbers associated to the raw manufactured materiel or stock

Material Spec: Specification number used in the manufacture of this materiel

Batch lot no.: Number assigned to specific batches of materiel

X-Ray no.: Component specific x-ray numbers to include with x-rays taken for NAB castings or similar

Cure date: The date that rubber components were cured

Validation date: Completion date of all NAB casting certifications

Certification statement: To be certified and stamped by approved QA/QC cell

## **Commentaires /Instructions**

Numéro d'identification unique : Un numéro unique pour l'assemblage ou la pièce ou cité en référence sur l'EEQ. Ce numéro doit être gravé sur l'équipement/matériel conformément à C-23-VIC-000/AM-001 cité en référence sur l'EEQ.

CQA : Contrôle de la qualité assurée. Acronyme employé qui précède un nombre unique pour toutes les pièces de 1er niveau

Description : Appellation de l'article conformément au SCGC

Numéro du contrat de TPSGC: Numéro du contrat

Ligne d'article de TPSGC : Numéro de l'article provenant du contrat

Numéro de nomenclature OTAN : Explicite

Numéro de commande : Explicite

Commentaires : Tout commentaire concernant l'article fourni conformément au présent certificat.

Demandé par : Qui a soulevé les commentaires et sous quelle autorité.

Quantité : Quantité d'articles fabriqués sous ce numéro spécifique. Voir "Identification du lot" dans le C-23-VIC-000/AM-001

N° de série : Tout numéro de série associé avec cet assemblage

Déviations / Exemptions : Toute déviation ou exemption associée à la fabrication de cet article

N° de feuille EEQ : Plusieurs feuilles EEQ sont parfois nécessaires

Let : Lettre de ligne associée avec la feuille EEQ

N° de série / Déviations / Exemptions : Numéros de séries spécifiques des composantes ou des déviations / exemptions

ID du matériel : Numéros associés aux matières premières manufacturées ou aux stocks

Spéc. du matériel : Numéros des spécifications utilisées dans la fabrication de ce matériel

N° de lot : Numéros assignés à des lots spécifiques de matériel

N° de rayons X : Composantes de numéros de rayons X spécifiques et incluant les rayons X provenant des coulages NAB ou similaires

Date de vulcanisation : Date à laquelle les composants en caoutchouc ont été vulcanisés

Date de validation : Date d'achèvement de toutes les certifications des coulages NAB

Énoncé de certification : Le fait d'être certifié et estampillé par une cellule AQ/CQ approuvée



### Processing Procedures Record

Completed form to be returned with Quote or Strip & Survey report, any first level processes which are used with the referenced order are to be listed

Company: \_\_\_\_\_

Order number: \_\_\_\_\_

Contact name: \_\_\_\_\_

Telephone number: \_\_\_\_\_

DMEPM(SM) Date reviewed by DND (yyyy-mm-dd)	Submitted process document			Parent specification document	
	Identification	Process owner	Issue / Rev. of publication	Specification	Method

## Enregistrement des Procédures de Traitement

Formulaire rempli à renvoyer avec le rapport de devis ou de démontage et d'évaluation, tous les processus de premier niveau utilisés avec la commande référencée doivent être listés

Entreprse : \_\_\_\_\_ Numéro de commande : \_\_\_\_\_

Nom du contact : \_\_\_\_\_ Numéro de téléphone : \_\_\_\_\_

DGestPEM(SM) Date de revue par MND (aaaa-mm-jj)	Document de traitement soumis			Document de spécification parent	
	Identification	Propriétaire du processus	Numéro de révision de la publication	Spécification	Méthode

