



Quality System Specification

Supplier Quality Requirements

QUALITY SYSTEM SPECIFICATION

Supplier Quality Requirements

CRENSHAW DIE & MANUFACTURING

DOCUMENT TYPE: QUALITY SYSTEM SPECIFICATION	NO.	QSS-820
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TITLE: SUPPLIER QUALITY REQUIREMENTS	REVISION:	N/C
	EFFECTIVE DATE:	February 1, 2022

REVISION TABLE.

REVISION	DATE	ISSUED BY	DESCRIPTION
N/C	February 1, 2022	Quality Manager	Initial Release

APPROVALS

ISSUED BY:	APPROVED BY:
Fernando Perez Quality Manager FP	John O'neill General Manager JO
Name, Title and Initials	Name, Title and Initials
February 1, 2022 Date	February 1, 2022 Date

The document recipient is responsible to remove and destroy the old, superseded version of the document.

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1. PURPOSE

To define requirements for quality which are applicable as defined by the supplier type.

2. SCOPE

This specification applies to the following suppliers:

PLATINUM: Suppliers that offer critical products or services such as complex parts or testing.

GOLD: Suppliers that provide unique products or services

SILVER: Suppliers that provide off-the-shelf products or standard services.

3. DEFINITIONS

- 3.1 **Test Laboratories.** Testing and examining of equipment and materials to determine conformance with appropriate test standards
- 3.2 **Calibration Services.** Evaluation and adjustment of measuring equipment that has traceability to national or international standards.
- 3.3 **Distributors.** Providers of standard and DFAR Country approved parts and material.
- 3.4 **Industrial Services/Supplies.** Equipment or facility maintenance services and supplies consumed in the production process but which do not either become part of the end product or are not central to the firm's output. Industrial supplies include consumables (such as cleaning, laboratory, or office supplies), industrial equipment (such as compressors, pumps, valves) and plant upkeep supplies (such as gaskets, lubricants, repair tools), and computers, fixtures, furniture, etc.
- 3.5 **Manufacturing Services.** Basic operations with minimal risk in the manufacturing process, such as: material forming, screen printing, laser marking, honing, assembly, or packaging.
- 3.6 **Outside Essential Processes,** Operations that require customer approval before shipping products to be processed, such as anodizing or heat treatment.
- 3.7 **Special Processes.** Operations that require NADCAP approval.

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4. SPECIFICATION

4.1 Test Laboratories

Ref	PURCHASING QUALITY TERMS AND CONDITIONS		
A	All materials must be identified by a part number and revision, permanently and legibly affixed directly to the surface of each article, In the event this is not possible due to physical size or nature of material, an identification tag must be securely affixed to each article, or If articles are supplied in individual or multi-unit containers the container must reveal the appropriate identification.		
B	Notwithstanding any other provision of this PO, Supplier must not procure any of the completed or substantially completed Items described herein from any other party, by subcontract or otherwise, without the prior written consent of CRENSHAW DIE & MANUFACTURING (CDM hereafter). Certification of Conformance must be provided with each shipment with the following information at a minimum: 1.- Purchase Order and Line Item Number 2.- Identifying nomenclature such as Item Name, Part Number, Revision, Serial Numbers (when applicable) 3.- Quantity shipped 4.- The Certification of Conformance must be signed by Supplier's duly authorized representative.		
C	Performance test reports must contain the signature and title of the person (or traceable inspector stamp) responsible for the tests.		
D	The interactions with CDM is dependent on the following possible situations:		
		PROCESSES AFFECTED	PROCESS OWNER(S)
	1.- Outsourced products and services are intended for incorporation into CDM's products and services.	MATERIAL CONTROL	GENERAL MANAGER
	2.- A supplier on behalf of CDM provides products and services directly to the CDM's customer.	MATERIAL CONTROL ORDER ENTRY	GENERAL MANAGER GENERAL MANAGER
	3.- A supplier provides a process or part of a process to CDM.	MATERIAL CONTROL INFRASTRUCTURE	GENERAL MANAGER GENERAL MANAGER
	4.- A supplier provides its property for use or incorporation into CDM's products and services.	MATERIAL CONTROL PRODUCTION	GENERAL MANAGER GENERAL MANAGER
E	N/A		
F	N/A		

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4.2 Calibration Services

Ref	PURCHASING QUALITY TERMS AND CONDITIONS											
A	All equipment must be identified with a label, permanently and legibly affixed directly to the surface of each equipment or equipment container. The label must indicate Equipment ID Number, Calibration Date and Calibration Due Date.											
B	Notwithstanding any other provision of this PO, Supplier must not procure any of the completed or substantially completed Items described herein from any other party, by subcontract or otherwise, without the prior written consent of CRENSHAW DIE & MANUFACTURING (CDM hereafter). Certification of Conformance must be provided with each shipment with the following information at a minimum: 1.- Equipment Identification as specified on the purchase order (Do not use your ID control number) 2- Standards used for calibration 3- Traceability to National or International Standards 4.- Frequency of calibration as specified on the purchase order 5.- The Certificate of Calibration must be signed by Supplier's duly authorized representative and have the equipment identification referenced in item 1.											
C	Performance test reports must contain the signature and title of the person (or traceable inspector stamp) responsible for the tests.											
D	The interactions with CDM is dependent on the following possible situations: <table border="1" data-bbox="316 892 1494 1060" style="margin-left: 40px;"> <thead> <tr> <th></th> <th>PROCESSES AFFECTED</th> <th>PROCESS OWNER(S)</th> </tr> </thead> <tbody> <tr> <td>1.- A supplier provides a process or part of a process to CDM.</td> <td>MATERIAL CONTROL INFRASTRUCTURE</td> <td>GENERAL MANAGER</td> </tr> <tr> <td>2.- A supplier provides its property for use or incorporation into CDM's products and services.</td> <td>MATERIAL CONTROL PRODUCTION</td> <td>GENERAL MANAGER GENERAL MANAGER</td> </tr> </tbody> </table>				PROCESSES AFFECTED	PROCESS OWNER(S)	1.- A supplier provides a process or part of a process to CDM.	MATERIAL CONTROL INFRASTRUCTURE	GENERAL MANAGER	2.- A supplier provides its property for use or incorporation into CDM's products and services.	MATERIAL CONTROL PRODUCTION	GENERAL MANAGER GENERAL MANAGER
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4.3 Distributors

Ref	PURCHASING QUALITY TERMS AND CONDITIONS																	
A	All materials must be identified by a part number and revision, permanently and legibly affixed directly to the surface of each article. In the event this is not possible due to physical size or nature of material, an identification tag must be securely affixed to each article, or If articles are supplied in individual or multi-unit containers the container must reveal the appropriate identification.																	
B	<p>Notwithstanding any other provision of this PO, Supplier must not procure any of the completed or substantially completed Items described herein from any other party, by subcontract or otherwise, without the prior written consent of CRENSHAW DIE & MANUFACTURING (CDM hereafter). Certification of Conformance must be provided with each shipment with the following information at a minimum:</p> <ol style="list-style-type: none"> 1.- Manufacturer Name and Address 2.- Purchase Order and Line Item Number 3.- Identifying nomenclature such as Item Name, Part Number, Revision, Serial Numbers (when applicable) 4.- Batch identification for the item(s) such as date codes, lot codes, serializations, or other batch identifications. 5.- Quantity shipped 6.- Signature or stamp with title of seller's authorized personnel signing the certificate. <p>Supplier's material/special process and sub-tier supplier/processor certifications and test results shall be made available upon request. Parts shall not be used or reclaimed and misrepresented as new. Seller shall include the following statement preprinted on each Certificate of Conformance initiated by the seller and provided to CDM in conjunction with this purchase order: NOTE: The recording of false, fictitious or fraudulent statements or entries on this document may be punishable as a felony under Federal statute. Seller shall include all provisions of this contract clause, including this sentence, in all lower tier GENERAL MANAGER under this order. Any inability or unwillingness of a lower-tier supplier to comply with this provision should be documented in writing and submitted to CDM.</p>																	
C	N/A																	
D	<p>The interactions with CDM is dependent on the following possible situations:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%;">PROCESSES AFFECTED</th> <th style="width: 20%;">PROCESS OWNER(S)</th> </tr> </thead> <tbody> <tr> <td>1.- Outsourced products and services are intended for incorporation into CDM's products and services.</td> <td>MATERIAL CONTROL</td> <td>GENERAL MANAGER</td> </tr> <tr> <td>2.- A supplier on behalf of CDM provides products and services directly to the CDM's customer.</td> <td>MATERIAL CONTROL ORDER ENTRY</td> <td>GENERAL MANAGER GENERAL MANAGER</td> </tr> <tr> <td>3.- A supplier provides a process or part of a process to CDM.</td> <td>MATERIAL CONTROL INFRASTRUCTURE</td> <td>GENERAL MANAGER GENERAL MANAGER</td> </tr> <tr> <td>4.- A supplier provides its property for use or incorporation into CDM's products and services.</td> <td>MATERIAL CONTROL PRODUCTION</td> <td>GENERAL MANAGER GENERAL MANAGER</td> </tr> </tbody> </table>				PROCESSES AFFECTED	PROCESS OWNER(S)	1.- Outsourced products and services are intended for incorporation into CDM's products and services.	MATERIAL CONTROL	GENERAL MANAGER	2.- A supplier on behalf of CDM provides products and services directly to the CDM's customer.	MATERIAL CONTROL ORDER ENTRY	GENERAL MANAGER GENERAL MANAGER	3.- A supplier provides a process or part of a process to CDM.	MATERIAL CONTROL INFRASTRUCTURE	GENERAL MANAGER GENERAL MANAGER	4.- A supplier provides its property for use or incorporation into CDM's products and services.	MATERIAL CONTROL PRODUCTION	GENERAL MANAGER GENERAL MANAGER
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4.4 Industrial Services

Ref	PURCHASING QUALITY TERMS AND CONDITIONS		
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B	Notwithstanding any other provision of this PO, Supplier must not procure any of the completed or substantially completed Items described herein from any other party, by subcontract or otherwise, without the prior written consent of CRENSHAW DIE & MANUFACTURING (CDM hereafter).		
C	N/A		
D	The interactions with CDM is dependent on the following possible situations:		
		PROCESSES AFFECTED	PROCESS OWNER(S)
	1.- Outsourced products and services are intended for incorporation into CDM's products and services.	MATERIAL CONTROL	GENERAL MANAGER
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E	N/A		
F	N/A		

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4.5 Manufacturing Services

Ref	PURCHASING QUALITY TERMS AND CONDITIONS		
A	All manufactured products must be identified by a part number and revision, permanently and legibly affixed directly to the surface of each article. In the event this is not possible due to physical size or nature of material, an identification tag must be securely affixed to each article, or If articles are supplied in individual or multi-unit containers the container must reveal the appropriate identification.		
B	Notwithstanding any other provision of this PO, Supplier must not procure any of the completed or substantially completed Items described herein from any other party, by subcontract or otherwise, without the prior written consent of CRENSHAW DIE & MANUFACTURING (CDM hereafter). Certification of Conformance must be provided with each shipment with the following information at a minimum: 1.- Purchase Order and Line Item Number 2.- Identifying nomenclature such as Item Name, Part Number, Revision, Serial Numbers (when applicable) 3.- Quantity shipped 4.- The Certification of Conformance must be signed by Supplier's duly authorized representative.		
C	N/A		
D	The interactions with CDM is dependent on the following possible situations:		
		PROCESSES AFFECTED	PROCESS OWNER(S)
	1.- Outsourced products and services are intended for incorporation into CDM's products and services.	MATERIAL CONTROL	GENERAL MANAGER
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	4.- A supplier provides its property for use or incorporation into CDM's products and services.	MATERIAL CONTROL PRODUCTION	GENERAL MANAGER GENERAL MANAGER
E	CDM periodically reviews supplier performance including process, product and service conformity.		
F	For new products or programs the supplier must submit a manufacturing plan, prior to the manufacturing of products, for approval by CDM. The plan must include product identification controls. After submittal and approval of a manufacturing plan, CDM will include source inspection points into the plan. Those points will be determined after submittal and approval of supplier's manufacturing plan.		

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4.6 Outside Essential Processes

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E	CDM periodically reviews supplier performance including process, product and service conformity.		
F	N/A		

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4.7 Special Processes

Ref	PURCHASING QUALITY TERMS AND CONDITIONS		
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C	Performance test reports must contain the signature and title of the person (or traceable inspector stamp) responsible for the tests.		
D	The interactions with CDM is dependent on the following possible situations:		
		PROCESSES AFFECTED	PROCESS OWNER(S)
	1.- Outsourced products and services are intended for incorporation into CDM's products and services.	MATERIAL CONTROL	GENERAL MANAGER
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	4.- A supplier provides its property for use or incorporation into CDM's products and services.	MATERIAL CONTROL PRODUCTION	GENERAL MANAGER GENERAL MANAGER
E	CDM periodically reviews supplier performance including process, product and service conformity.		
F	N/A		

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5. APPENDIX

Ref	Former	SYSTEM REQUIREMENTS
A	N/A	<i>The products and services to be provided or the processes to be performed on behalf of CDM</i>
B	(A)	<i>Approval of:</i> <ul style="list-style-type: none"> • <i>products and services;</i> • <i>methods, processes and equipment;</i> • <i>the release of products and services;</i>
C	(B)	<i>Competence of personnel, including necessary qualification,</i>
D	N/A	<i>The supplier's interactions with the organization,</i>
E	N/A	<i>The control and monitoring of the supplier's performance to be applied by CDM.</i>
F	N/A	<i>Verification or validation activities that CDM, or its customer, intends to perform at the supplier's premises,</i>