Document

QSS-820

///FRONTLINE MACHINING

Space | Medical | Defense

Quality System Specification

Supplier Quality Requirements

QUALITY SYSTEM SPECIFICATION

Supplier Quality Requirements

DOCUMENT TYPE:	NO.	QSS-820
QUALITY SYSTEM SPECIFICATION	PAGE:	2 OF 13
TITLE:	REVISION:	A
SUPPLIER QUALITY REQUIREMENTS	EFFECTIVE DATE:	October 5, 2021

REVISION TABLE.

REVISION	DATE	ISSUED BY	DESCRIPTION
N/C	December 17, 2018	Quality Engineer	Initial Release
A	October 5, 2021	Quality Engineer	Reviewed all the requirements

APPROVALS.

ISSUED BY:	APPROVED BY:	APPROVED BY:	APPROVED BY:
Fernando Perez Quality Engineer FP Name and Electronic Signature	Thomas Elam Quality Manager TE Name, Title and Signature or Initials	Salvador Guerra General Manager SG Name, Title and Signature or Initials	Charles Jones CEO CJ Name, Title and Signature or Initials
October 5, 2021 Date	October 5, 2021 Date	October 5, 2021 Date	October 5, 2021 Date

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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.

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 FRONTLINE MACHINING (FM hereafter). If a specific test facility was previously approved by FM as provided for in the purchase order, the Supplier must not change a test facility or use another test facility to meet specification/drawing requirements without prior FM's written approval. Critical Items must be clearly identified in test reports.
C	Test reports must contain the signature and title of the person (or traceable inspector stamp) responsible for the tests.
D	Point of Contact: Documented on the purchase order
E	FM periodically reviews supplier performance including at least 95% Supplier Lot Acceptance and 95% Supplier On-time Delivery;
F	The organization or its customer does not need to perform verification or validation at the premises of the external provider.
G	Design and development control is not required.
H	Special requirements, critical items, or key characteristics not required.
I	Supplier and their sub-tier Suppliers must furnish performance test data for tests conducted on, and identifiable to the article(s) submitted (by serial number), when applicable. Data must meet the requirements of FM's specifications or Purchase Order and, at a minimum, be identified with: 1.- FM's Purchase Order Number. 2.- Part number 3.- Lot numbers, serial numbers, or date codes of items tested. 4.- Drawing/specification and revision used 5.- Type of tests performed 6.- Identification number of test equipment used 7.- Total quantity of items tested, quantity of items accepted, and quantity of items rejected.
J	The use of statistical techniques for product acceptance and related instructions for acceptance not required.
K	The Quality Management System must comply with the ISO 9001 requirements. The acceptance of these requirements is not subject to a signature of acceptance of the quality system requirements but to the acceptance of this order as the result of the supplier contract review process. No deviations, including the selection of supplier's sub-tiers/processors, is permitted without FM prior knowledge and written authorization. You cannot transfer, export, re-transfer, and re-export, any technical data, hardware, or other technical tooling (e.g., documentation, software, drawings and specifications) by any means to any entity without written approval of FM as defined and regulated by the U.S. International Traffic in Arms Regulations (ITAR) in 22 CFR Parts 120-130. Additionally, any employee of your company who is a foreign person will not have access to such data and hardware. Please see additional requirements on the Purchase Order. All records generated by the supplier and throughout the supply chain needed to show compliance to the applicable requirements related with this PO must be maintained and made available to FM during a minimum of SEVEN (7) years unless otherwise specified by purchase order or customer. Supplier shall develop, implement and maintain a Foreign Object Debris/ Damage (FOD) process that meets the intent of NAS 412, Foreign Object Damage/ Foreign Object Debris (FOD) Prevention, utilizing the guidance provided to establish an effective FOD prevention program for their particular product or program. Records to be retained should include, but are not limited to, inspection and test records, calibration records, and supplier records. Records are to be legible, complete, and accurate. Disposition by deletion, incineration, shredding or another secure method.
L	FM, our customer, our customer's representative, or the government (FAA, DOD, etc.), has the right of access to your quality management system, manufacturing process and the Supplier and their sub-tier Supplier facilities, if requested.
M	Supplier and their sub-tier Suppliers must ensure that the personnel are aware of: • their contribution to product or service conformity, • their contribution to product safety, • the importance of ethical behavior.

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 a Unique 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 FRONTLINE MACHINING (FM hereafter). Certification of Calibration must be provided with each shipment with the following information at a minimum: 1- Unique equipment identification provided by FM 2- Standards used for calibration 3- Traceability to National or International Standards 4- Frequency of calibration as specified on the purchasing document.
C	Test certificates and calibration reports must contain the signature and title of the person (or traceable inspector stamp) responsible for the technical records.
D	Point of Contact: Documented on the purchase order.
E	FM periodically reviews supplier performance including at least 95% Supplier Lot Acceptance and 95% Supplier On-time Delivery;
F	The organization or its customer does not need to perform verification or validation at the premises of the external provider.
G	Design and development control is not required.
H	Special requirements, critical items, or key characteristics not required.
I	Test, inspection, and verification (including production process verification) not required.
J	The use of statistical techniques for product acceptance and related instructions for acceptance not required.
K	The Quality Management System must comply with the ISO 9001 requirements. The acceptance of these requirements is not subject to a signature of acceptance of the quality system requirements but to the acceptance of this order as the result of the supplier contract review process. You cannot transfer, export, re-transfer, and re-export, any technical data, hardware, or other technical tooling (e.g., documentation, software, drawings and specifications) by any means to any entity without written approval of FM as defined and regulated by the U.S. International Traffic in Arms Regulations (ITAR) in 22 CFR Parts 120-130. Additionally, any employee of your company who is a foreign person will not have access to such data and hardware. Please see additional requirements on the Purchase Order. All records generated by the supplier and throughout the supply chain needed to show compliance to the applicable requirements related with this PO must be maintained and made available to FM during a minimum of SEVEN (7) years unless otherwise specified by purchase order or customer. Records to be retained should include, but are not limited to, inspection and test records, calibration records, and supplier records. Records are to be legible, complete, and accurate. Disposition by deletion, incineration, shredding or another secure method.
L	FM, our customer, our customer's representative, or the government (FAA, DOD, etc.), has the right of access to your quality management system, manufacturing process and the Supplier and their sub-tier Supplier facilities, if requested.
M	Supplier and their sub-tier Suppliers must ensure that the personnel are aware of: • their contribution to product or service conformity, • their contribution to product safety, • the importance of ethical behavior.

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	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 FRONTLINE MACHINING (FM hereafter). Certification of Conformance must be provided with each shipment with the following information at a minimum: 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.- Material specification, dimension/ description, type, and condition 5.- Batch identification for the item(s) such as date codes, lot codes, serializations, or other batch identifications. 6.- Quantity shipped 7.- Signature or stamp with title of seller's authorized personnel signing the certificate. 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. The supplier shall maintain the original mill certification and any secondary independent test laboratory certification(s) Seller shall include the following statement preprinted on each Certificate of Conformance initiated by the seller and provided to FM 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 contracts 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 FM.
C	Certification must contain the signature and title of the person responsible.
D	Point of Contact: Documented on the purchase order.
E	FM periodically reviews supplier performance including at least 95% Supplier Lot Acceptance and 95% Supplier On-time Delivery;
F	The organization or its customer does not need to perform verification or validation at the premises of the external provider.
G	Design and development control is not required.
H	Special requirements, critical items, or key characteristics not required.
I	Supplier and their sub-tier Suppliers must furnish performance test data for tests conducted on, and identifiable to the article(s) submitted (by serial number), when applicable. Data must meet the requirements of FM's specifications or Purchase Order and, at a minimum, be identified with: 1.- FM's Purchase Order Number. 2.- Part number 3.- Lot numbers, serial numbers, or date codes of items tested. 4.- Drawing/specification and revision used 5.- Type of tests performed 6.- Identification number of test equipment used 7.- Total quantity of items tested, quantity of items accepted, and quantity of items rejected.
J	Inspection sampling is acceptable for this purchase order as follows: • In accordance with ANSI/ASQC Z1.4 *Sampling Procedures and Tables for Inspection by Attributes*, normal Level II, single sampling. Critical Defect = Results in unsafe conditions for end user or noncompliance with governmental standards or regulations.100% Inspection Major Defect. = Results in noncompliance with customer fit, form, or functional specifications 1.0 AQL Minor Defect. = Results in noncompliance with appearance or cosmetic customer requirements. 2.5 AQL
K	The Quality Management System must comply with the ISO 9001, AS9100 or AS9120 requirements. The acceptance of these requirements is not subject to a signature of acceptance of the quality system requirements but to the acceptance of this order as the result of the supplier contract review process. When nonconforming products are detected prior or after delivery, a written corrective action report must be completed addressing the problem definition, containment action, root cause determination, corrective action plan/contingency actions, implementation timing, and system/practice/procedure changes to prevent recurrence. You will be required to submit your corrective action report(s) to FM. Under FM conflict mineral's policy, suppliers are expected to supply materials to FM that are "DRC conflict free," which means either: 1) any 3TGs necessary to the functionality or production of supplied materials must not directly or indirectly fund armed conflict in the DRC or adjoining countries, or 2) any 3TGs must be from recycled or scrap sources. Suppliers to FM must adopt a policy regarding conflict minerals consistent with FM's policy, implement management systems to support compliance with their policy and require their suppliers to take the same steps." No deviations, including the selection of supplier's sub-tiers/processors, is permitted without FM prior knowledge and written authorization. You cannot transfer, export, re-transfer, and re-export, any technical data, hardware or other technical tooling (e.g., documentation, software, drawings and specifications) by any means to any entity without written approval of FM as defined and regulated by the U.S. International Traffic in Arms Regulations (ITAR) in 22 CFR Parts 120-130. Additionally, any employee of your company who is a foreign person will not have access to such data and hardware. Please see additional requirements on the PO..

	The supplier shall have a counterfeit detection process that meets the intent of SAE Standard AS6174, Counterfeit Materiel, Assuring Acquisition of Authentic and Conforming Materiel and SAE Standard AS5553, Counterfeit Electronic Parts, Avoidance, Detection, Mitigation, and Disposition. Hardware produced in lots, batches, groups, etc. shall have traceable control information applied. When size of hardware, or supplier's automated stamping process does not permit data application to individual hardware (such as standard parts), the information shall be similarly placed on bags, tags, or labels as applicable. All parts delivered and/or used in the manufacture of deliverable products shall be from the Original Component Manufacturer (OCM/ Original Equipment Manufacturer (OEM) or their franchised distributor or authorized aftermarket manufacturer (AAM). The seller shall ensure that only new and authentic materials are used in products delivered to FM. The Seller may only purchase parts directly from Original Component Manufacturers (OCMs), OCM franchised distributors, or authorized aftermarket manufacturers. Use of product that was not provided by these sources is not authorized unless first approved in writing by FM. The seller must present compelling support for its request (e.g., OCM documentation that authenticates traceability of the parts to the OCM) and include in its request all actions to ensure the parts thus procured are authentic/conforming parts. Supplier and their sub-tier suppliers shall submit coupon/specimen by separate cover, to the attention of FM, of sufficient material representative of the process, to perform the required inspection/test. Coupons/specimens shall be shipped prior to or with products and identified by part number, purchase order and applicable heat, melt, lot numbers and other applicable processes. All records generated by the supplier and throughout the supply chain needed to show compliance to the applicable requirements related with this PO must be maintained and made available to FM during a minimum of SEVEN (7) years unless otherwise specified by purchase order or customer. Records to be retained should include, but are not limited to, inspection records, supplier records. Records are to be legible, complete, and accurate. Disposition by deletion, incineration, shredding or another secure method. The supplier shall maintain the original mill certification and any secondary independent test laboratory certification(s)
L	FM, our customer, our customer's representative, or the government (FAA, DOD, etc.), has the right of access to your quality management system, manufacturing process and the Supplier and their sub-tier Supplier facilities, if requested.
M	Supplier and their sub-tier Suppliers must ensure that the personnel are aware of: • their contribution to product or service conformity, • their contribution to product safety, • the importance of ethical behavior.

4.4 Industrial Services

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 FRONTLINE MACHINING (FM hereafter).
C	Certification is not required.
D	Point of Contact: Documented on the purchase order.
E	a) No internal processes interact with externally provided processes and there is no effect this provision has on operational performance. b) No externally provided materials, components or services form part of the final product or service or are critical for product or service provision. c) There is no effect on the organization's operation and performance.
F	The organization or its customer does not need to perform verification or validation at the premises of the external provider.
G	Design and development control is not required.
H	Special requirements, critical items, or key characteristics not required.
I	Test, inspection, and verification (including production process verification) not required.
J	The use of statistical techniques for product acceptance and related instructions for acceptance not required.
K	The acceptance of these requirements is not subject to a signature of acceptance of the quality system requirements but to the acceptance of this order as the result of the supplier contract review process. All records generated by the supplier and throughout the supply chain needed to show compliance to the applicable requirements related with this PO must be maintained and made available to FM during a minimum of SEVEN (7) years unless otherwise specified by purchase order or customer. Records to be retained should include but are not limited to supplier records. Records are to be legible, complete, and accurate. Disposition by deletion, incineration, shredding or another secure method.
L	FM, our customer, our customer's representative, or the government (FAA, DOD, etc.), has the right of access to your quality management system, manufacturing process and the Supplier and their sub-tier Supplier facilities, if requested.
M	Supplier and their sub-tier Suppliers must ensure that the personnel are aware of: • their contribution to product or service conformity, • their contribution to product safety, • the importance of ethical behavior.

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 FRONTLINE MACHINING (FM 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	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
D	Point of Contact: Documented on the purchase order.
E	FM periodically reviews supplier performance including at least 95% Supplier Lot Acceptance and 95% Supplier On-time Delivery;
F	For new products or programs, the supplier must submit a manufacturing plan, prior to the manufacturing of products, for approval by FM. The plan must include product identification controls. After submittal and approval of a manufacturing plan, FM will include source inspection points into the plan. Those points will be determined after submittal and approval of supplier's manufacturing plan.
G	Design and development control is not required.
H	When Key Characteristics are specified on the drawing or purchase order, the supplier shall utilize 100% inspection for these characteristics or employ control per SAE AS9103 – Variation Management of Key Characteristics. Data in support of either 100% inspection or control per AS9103 are to be made available to FM and its customers upon request. Application of AS9103 does not invalidate the need to establish and document compliance with all requirements for First Article Inspection per AS9102. All suppliers are required to perform a First Article Inspection (FAI), in accordance with AS9102, for all machined features on the first piece of the production lot. The balance of the order must be 100% inspected for all manufactured features. Records of the inspections must be retained, and must be delivered with the shipping documents to FM. This applies to the following: a) First run of a product. b) Change in process or fixturing by a supplier (new process, new fixturing, computer program, or new set-up of a fixture, die or jig on the machine). c) Change in facility location d) There has been an interruption in production of more than 24 months since approval.
I	Supplier and their sub-tier Suppliers must furnish performance test data for tests conducted on, and identifiable to the article(s) submitted (by serial number), when applicable. Data must meet the requirements of FM's specifications or Purchase Order and, at a minimum, be identified with: 1.- FM's Purchase Order Number. 2.- Part number 3.- Lot numbers, serial numbers, or date codes of items tested. 4.- Drawing/specification and revision used 5.- Type of tests performed 6.- Identification number of test equipment used 7.- Total quantity of items tested, quantity of items accepted, and quantity of items rejected.
J	Inspection sampling is acceptable for this purchase order as follows: • In accordance with ANSI/ASQC Z1.4 *Sampling Procedures and Tables for Inspection by Attributes*, normal Level II, single sampling. Critical Defect = Results in unsafe conditions for end user or noncompliance with governmental standards or regulations.100% Inspection Major Defect. = Results in noncompliance with customer fit, form, or functional specifications 1.0 AQL Minor Defect. = Results in noncompliance with appearance or cosmetic customer requirements. 2.5 AQL
K	The acceptance of these requirements is not subject to a signature of acceptance of the quality system requirements but to the acceptance of this order as the result of the supplier contract review process. Supplied material will be inspected by FM in accordance with PO requirements and nonconforming material due to Supplier processes will be charged accordingly. Wrong material will be replaced at the Supplier's expense. No repair must be allowed outside of the specific specification limits unless prior written approval is obtained by Supplier from FM. No rework must be allowed unless prior written approval is obtained by Supplier from FM. When nonconforming products are detected prior or after delivery, a written corrective action report must be completed addressing the problem definition, containment action, root cause determination, corrective action plan/contingency actions, implementation timing, and system/practice/procedure changes to prevent recurrence. You will be required to submit your corrective action report(s) to FM. Supplier must notify FM of changes in product and/or process definition and, where required, obtain FM approval. No deviations, including the selection of supplier's sub-tiers/processors, is permitted without FM prior knowledge and written authorization. You cannot transfer, export, re-transfer, and re-export, any technical data, hardware, or other technical tooling (e.g., documentation, software, drawings and specifications) by any means to any entity without written approval of FM as defined and regulated by the U.S. International Traffic in Arms

	Regulations (ITAR) in 22 CFR Parts 120-130. Additionally, any employee of your company who is a foreign person will not have access to such data and hardware. Please see additional requirements on the Purchase Order. The supplier shall have a counterfeit detection process that meets the intent of SAE Standard AS6174, Counterfeit Materiel, Assuring Acquisition of Authentic and Conforming Materiel and SAE Standard AS5553, Counterfeit Electronic Parts, Avoidance, Detection, Mitigation, and Disposition. The supplier shall provide a description of the process used to develop inspection data from FM provided digital datasets. The description shall include the steps required to translate, develop inspection points and criteria and to program the inspection devices. It shall also include the hardware and software used, the data formats used for transport and processing. Use of data without translation is preferred. The supplier shall describe the procedures and methods in place to ensure the integrity and security of FM supplied CAD/CAM/CAI data. Supplier extracted data and/or supplier generated definition data. This shall include live storage of controlled data, read/write protection, passwords, access, and archiving. Under FM conflict mineral's policy, suppliers are expected to supply materials to FM that are "DRC conflict free," which means either: 1) any 3TGs necessary to the functionality or production of supplied materials must not directly or indirectly fund armed conflict in the DRC or adjoining countries, or 2) any 3TGs must be from recycled or scrap sources. Suppliers to FM must adopt a policy regarding conflict minerals consistent with FM's policy, implement management systems to support compliance with their policy and require their suppliers to take the same steps." Supplier shall develop, implement, and maintain a Foreign Object Debris/ Damage (FOD) process that meets the intent of NAS 412, Foreign Object Damage/ Foreign Object Debris (FOD) Prevention, utilizing the guidance provided to establish an effective FOD prevention program for their particular product or program. All records generated by the supplier and throughout the supply chain needed to show compliance to the applicable requirements related with this PO must be maintained and made available to FM during a minimum of SEVEN (7) years unless otherwise specified by purchase order or customer. Records to be retained should include, but are not limited to, inspection and test records, calibration records, and supplier records. Records are to be legible, complete, and accurate. Disposition by deletion, incineration, shredding or another secure method. Supplier shall maintain copies of certifications for all subcontracted special processes
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M	Supplier and their sub-tier Suppliers must ensure that the personnel are aware of: • their contribution to product or service conformity. • their contribution to product safety. • the importance of ethical behavior.

4.6 Outside Essential Processes

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 FRONTLINE MACHINING (FM hereafter).
C	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.- Process specification revision 4.- Quantity shipped 5.- The Certification of Conformance must be signed by Supplier's duly authorized representative.
D	Point of Contact: Documented on the purchase order.
E	FM periodically reviews supplier performance including at least 95% Supplier Lot Acceptance and 95% Supplier On-time Delivery;
F	The organization or its customer does not need to perform verification or validation at the premises of the external provider.
G	Design and development control is not required.
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4.7 Special Processes

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F	The organization or its customer does not need to perform verification or validation at the premises of the external provider.
G	Design and development control is not required.
H	Supplier and their sub-tier Suppliers must furnish performance test data for tests conducted on, and identifiable to the article(s) submitted (by serial number), when applicable. Data must meet the requirements of FM's specifications or Purchase Order and, at a minimum, be identified with: 1.- FM's Purchase Order Number. 2.- Part number 3.- Lot numbers, serial numbers, or date codes of items tested. 4.- Drawing/specification and revision used 5.- Type of tests performed 6.- Identification number of test equipment used 7.- Total quantity of items tested, quantity of items accepted, and quantity of items rejected.
I	Supplier and their sub-tier Suppliers must furnish performance test data for tests conducted on, and identifiable to the article(s) submitted (by serial number), when applicable. Data must meet the requirements of FM's specifications or Purchase Order and, at a minimum, be identified with: 1.- FM's Purchase Order Number. 2.- Part number 3.- Lot numbers, serial numbers, or date codes of items tested. 4.- Drawing/specification and revision used 5.- Type of tests performed 6.- Identification number of test equipment used 7.- Total quantity of items tested, quantity of items accepted, and quantity of items rejected.
J	Inspection sampling is acceptable for this purchase order as follows: • In accordance with ANSI/ASQC Z1.4 *Sampling Procedures and Tables for Inspection by Attributes*, normal Level II, single sampling. Critical Defect = Results in unsafe conditions for end user or noncompliance with governmental standards or regulations.100% Inspection Major Defect. = Results in noncompliance with customer fit, form or functional specifications 1.0 AQL Minor Defect. = Results in noncompliance with appearance or cosmetic customer requirements. 2.5 AQL
L	FM, our customer, our customer's representative, or the government (FAA, DOD, etc.), has the right of access to your quality management system, manufacturing process and the Supplier and their sub-tier Supplier facilities, if requested.
M	Supplier and their sub-tier Suppliers must ensure that the personnel are aware of: • their contribution to product or service conformity, • their contribution to product safety, • the importance of ethical behavior.

5. APPENDIX

Ref	SYSTEM REQUIREMENTS
A	*The products and services to be provided or the processes to be performed on behalf of FM including the identification of relevant technical data (e.g., specifications, drawings, process requirements, work instructions),*
B	*Approval of:* • *products and services,* • *methods, processes, and equipment,* • *the release of products and services.*
C	*Competence of personnel, including necessary qualification. The information should specify any competence requirements needed for persons from the external provider, such as a certified welder, or a qualified lawyer (source: ISO/TS 9002:2016).*
D	*Requirements for how the external provider is to communicate with the organization should be included, such as a planned set of meetings to review progress or identifying who in the organization will be their primary point of contact. (source: ISO/TS 9002:2016).*
E	*The performance of external providers needs to be monitored. The type and frequency of the monitoring that the organization will use should be included in the information. This could specify the level of performance that the external provider has to meet or provide information relating to how the results of the organization's performance evaluations will be communicated.* *The organization should determine:* *a) which internal processes interact with externally provided processes and the effect this provision has on operational performance.* *b) which externally provided materials, components or services form part of the final product or service or are critical for product or service provision.* *c) the requirements and specific controls to be applied for external provision, depending on the effect they can have on the organization's operation and performance. (source: ISO/TS 9002:2016).*
F	*At times, the organization or its customer could need to perform verification or validation at the premises of the external provider. This could be due to the size of the product, nature of the service, or due to time constraints for delivery. (source: ISO/TS 9002:2016).*
G	*Design and development control.*
H	*Special requirements, critical items, or key characteristics.*
I	*Test, inspection, and verification (including production process verification).*
J	*The use of statistical techniques for product acceptance and related instructions for acceptance by FM.*
K	*The need to:* • *implement a QMS;* • *use customer-designated or approved suppliers, including process sources (e.g. special processes);* • *notify FM of nonconforming processes, products, or services and obtain approval for their disposition;* • *prevent the use of counterfeit parts;* • *notify FM of changes to processes, products, or services, including changes of their suppliers or location of manufacture, and obtain the approval of FM;* • *flow down to suppliers, applicable requirements including customer requirements;* • *provide test specimens for design approval, inspection/verification, investigation, or auditing;* • *retain documented information, including retention periods and disposition requirements;*
L	*The right of access by FM, its customer, and regulatory authorities to the applicable areas of facilities and to applicable documented information, at any level of the supply chain.*
M	*Ensuring that persons are aware of:* • *their contribution to product or service conformity,* • *their contribution to product safety,* • *the importance of ethical behavior.*