

The following Commodity List outlines the main supplier types Sathorn utilizes, as well as the clauses that apply to each of them. The clauses listed are to be used as a base line, with any additional clauses and/or customer flow down requirements noted on the purchase order.

X Indicates clause applicability to the commodity type listed under

Sathorn Quality Clause ↓	Material Supplier Commodity Type PO Code: CT10.1	Outside Services* Supplier Commodity Type PO Code: CT10.2	Hardware Supplier Commodity Type PO Code: CT10.3	ASD Material Supplier Commodity Type PO Code: CT20.1	ASD Outside Services* Supplier Commodity Type PO Code: CT20.2	ASD Hardware Supplier Commodity Type PO Code: CT20.3
1	X	X		X	X	X
2	X	X		X	X	X
3	X	X		X	X	
4		X		X	X	
5	X	X		X	X	X
6	X	X	X	X	X	X
7	X	X	X	X	X	X
8	X	X		X	X	X
9	X	X	X	X	X	X
10	X	X		X	X	X
11	X	X	X	X	X	X
12	X	X	X	X	X	X
13	X	X		X	X	X
14				X	X	X
15	X	X	X	X	X	X
16	X	X	X	X	X	X
17	X	X	X	X	X	X
18	X	X	X	X	X	X
19				X		
20				X		
21				X	X	X
22				X	X	X
23	X		X	X		X
24				X	X	X
25				X	X	X
26	X	X	X	X	X	X

Document Notes:

ASD: Acronym for Aviation, Space, and Defense, as defined in the foreword of AS9100

*Outside services are defined as services involved in Plating, Painting, Powder Coating, Bead/Sand Blasting, Heat Treating, Heat Treat Testing, Material Testing, Subcontracting, Forming, Grinding, and Laser Engraving.

The following Supplier Purchase Order Quality Clauses for Sathorn's facilities, with their terms and conditions, become an integral part of the Purchase Order (PO) to the extent specified on the Purchase Order. Changes, additions, or deletions to the invoked Quality Clauses must be made by Purchase Order revision.

Sathorn Quality Clauses & Their Descriptions

1	QUALITY SYSTEMS. Supplier shall maintain a Quality Management System (QMS) or an Aerospace Quality Management System (AQMS). QMS can be demonstrated via Quality Manual, ISO certification, or other industry standards relating to Quality Management. Sathorn Corporation may elect to impose on-site source surveillance audits due to product complexity, customer requirements, and/or nonconformance history. In the event a supplier has failed to take preventative action of notified nonconformances, all costs associated with continued source inspection by Sathorn Corporation or by the supplier will be conducted with out impact to existing pricing – Per AS9100 Rev D Clause 8.4.3, Section F (ISO)
2	QUALITY INSPECTION SYSTEM. Supplier shall maintain a quality inspection system that will ensure all goods and services conform to contract requirements whether manufactured or processed by supplier or procured from sub-tier suppliers – Per AS9100 Rev D Clause 8.4.3, Section J & Section K (AS)
3	CALIBRATION SYSTEM. Supplier shall maintain a calibration system. All inspection measuring & test equipment used during in-process and final inspection to make a compliance evaluation shall be calibrated to the national standard – Per ISO 9001-2015 Clause 7.1.5.2
4	CONTROL OF DRAWINGS & SPECIFICATIONS. The supplier shall ensure that drawings and specifications are the relevant revision status specified on the purchase order. The supplier shall comply with any special requirements requested by Sathorn Corporation regarding control of drawings and specifications (i.e., ITAR requirements) – Per AS9100 Rev D Clause 8.4.3, Section H (AS)
5	REPORTING DISCREPANCIES. Discrepancies, omissions and need for clarification or interpretations of any nature encountered by suppliers in respect of furnished drawings or engineering data must be brought to the attention of Sathorn Corporation for resolution – Per AS9100 Rev D Clause 8.4.3, Section D (ISO)
6	FLOWDOWNS. Sathorn requires its suppliers to flow down to external providers applicable requirements including customer requirements. Additionally, suppliers shall flow down to sub-tier suppliers the applicable requirements as required by the purchase order either specifically or by reference – Per AS9100 Rev D Clause 8.4.3, Section K (AS)
7	NONCONFORMING PRODUCTS AND MATERIALS. Supplier shall notify Sathorn Corporation and obtain written approval with respect to disposition of any: a) nonconforming products or materials supplied that does not meet engineering drawing approval or documents under contract or purchase order. b) if nonconforming materials are present and materials are deemed acceptable or useable by the supplier it is still the responsibility of the supplier to inform Sathorn Corporation so that determination can be made as for the use of the material – Per AS9100 Rev D Clause 8.4.3, Section K (AS)
8	SUPPLIER CORRECTIVE ACTION. Supplier shall, upon request, supply Sathorn Corporation statements of corrective action on nonconformities or failures of suppliers' goods or services – Sathorn Flow Down
9	NOTIFICATIONS. Suppliers must notify Sathorn Corporation of: a) Changes to processess, products, or services b) Changes to external providers or location of manufacture – Per AS9100 Rev D Clause 8.4.3, Section K (AS)
10	CERTIFICATES OF CONFORMANCE. Suppliers' acceptance of Sathorn Corporation's purchase order certifies that material and processes supplied under the purchase order shall be or have been controlled and inspected in accordance with Sathorn Corporation's purchase order and meet specified order requirements, referenced specifications and drawings. Supplier must provide a Certificate of Conformance for all orders and lots, verifying that all products and lots meet those requirements. All products and lots must clearly be identified and labelled and must be traceable to and linked to the Certificate of Conformance – Per AS9100 Rev D Clause 8.4.3, Section I (AS)
11	REQUIREMENTS. Approval of products, procedures, equipment, qualifications of personnel should be applicable to certifications sent to Sathorn Corporation – Per AS9100 Rev D Clause 8.4.3, Section B & Section C (ISO)

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Sathorn Quality Clauses & Their Descriptions	
12	MATERIAL SUBSTITUTIONS. Unauthorized material substitutions are not permitted without Sathorn Corporation's written consent – Sathorn Flow Down
13	RIGHT OF ACCESS. Sathorn Corporation, its customers and regulatory authorities shall be granted the right of access to all supplier and sub-tier supplier facilities and records involved in fulfilling the purchase order requirements to ensure conformance with the requirements – Per AS9100 Rev D Clause 8.4.3, Section L (AS)
14	RECORD RETENTION. Supplier shall maintain records of inspections, tests and process controls called for by this contract, unless specified elsewhere in contracts and attachments, these documents shall be on file, stored in such a manner that they remain legible, readily identifiable, and readily available to Sathorn Corporation FOR NO LESS THAN 10 YEARS , unless otherwise specified – Per AS9100 Rev D Clause 8.4.3, Section K
15	PACKAGING AND HANDLING. As a minimum, the supplier shall package all material in a manner that will ensure protection against corrosion, oxidation, deterioration, and physical damage during shipment. When material delivered are lot controlled each lot shall be identified – Sathorn Flow Down
16	WORKMANSHIP QUALITY. Material to be supplied free from burrs and sharp edges – Sathorn Flow Down
17	COUNTERFEIT PARTS. Supplier shall certify that: a) Only new and authentic materials are used in products or goods delivered to Sathorn Corporation b) That products/goods delivered contain no counterfeit parts c) Material complies with AS6174a (Counterfeit Material Assuring Acquisition of Authentic and Conforming Material) – Per AS9100 Rev D Clause 8.4.3, Section K (AS)
18	MERCURY FREE MATERIAL. Sathorn Corporation requires mercury free material – Per QP2100 Rev X Clause 6.6.4
19	DFARS/QUALIFYING COUNTRY. Sathorn Corporation requires that all purchased material is domestic and/or comes from a DFARS qualifying country. Supplier must include a copy of the material certification - Per DFARS 252.225-7001
20	DOMESTIC SPECIALTY METALS. All Specialty Metals used shall be melted in the United States or a Qualifying Country. These specialty metals are defined in the Defense Federal Acquisition Regulation Supplement Clause 252.225-7008, Restriction on Acquisition of Specialty Metals and 252.225-7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals . Qualifying Countries are listed in 225.872-1 .
21	CHANGES IN PROCESS, PRODUCT OR LOCATION. Supplier shall notify Sathorn Corporation of intended or actual changes that may affect the quality of delivered goods and services. This includes changes to the Quality Management System, the manufactured line, facility location, processes or natural disasters. Quality data and/or approved design data to be available in the English language – Per AS9100 Rev D Clause 8.4.3, Section K (AS)
22	FOD - FOREIGN OBJECT DEBRIS/DAMAGE. Supplier is required to establish and maintain a Foreign Object Debris/Damage (FOD) prevention program that employs appropriate housekeeping practices to assure timely detection and removal of residue/debris generated during operations and normal tasks – Per AS9100 Rev D Clause 8.5.4, Subclause B (ISO)
23	LIMITED SHELF-LIFE ITEMS. Materials with a limited shelf life (epoxy, paint, adhesives etc.) shall indicate the date of manufacture, lot number and applicable specification on the container. Supplier shall supply life limited product with at minimum 75% of life remaining – Sathorn Flow Down
24	CONFIDENTIALITY. Suppliers shall hold all information received in confidence and no 3rd party request for information will be authorized without written consent from Sathorn Corporation – Sathorn Flow Down
25	COMPETENCE AND AWARENESS. Supplier shall ensure that personnel are aware of their contribution to products and services provided to Sathorn Corporation. And their contribution to product safety and the importance of ethical behavior – Per AS9100 Rev D Clause 8.4.3, Section M (AS)
26	CONFLICT MATERIALS. Suppliers shall ensure that materials supplied to Sathorn Corporation, which may contain tin, tantalum, tungsten, or gold are sourced from outside the Democratic Republic of the Congo ("DRC") and adjoining countries or that such materials have been certified by an independent 3rd party as "conflict free" – Sathorn Flow Down