

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	Plating 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 Plating 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

Document Notes:

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

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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	<b>QUALITY SYSTEMS.</b> 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 non-conformance history. In the event a supplier has failed to take preventative action of notified non-conformances, all costs associated with continued source inspection by Sathorn Corporation or by the supplier will be conducted with out impact to existing pricing – <b>Per AS9100 Rev D Clause 8.4.3, Section F (ISO)</b>
2	<b>QUALITY INSPECTION SYSTEM.</b> 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 – <b>Per AS9100 Rev D Clause 8.4.3, Section J &amp; Section K (AS)</b>
3	<b>CALIBRATION SYSTEM.</b> 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 – <b>Per ISO 9001-2015 Clause 7.1.5.2</b>
4	<b>CONTROL OF DRAWINGS &amp; SPECIFICATIONS.</b> 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) – <b>Per AS9100 Rev D Clause 8.4.3, Section H (AS)</b>
5	<b>REPORTING DISCREPENCIES.</b> 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 – <b>Per AS9100 Rev D Clause 8.4.3, Section D (ISO)</b>
6	<b>FLOWDOWNS.</b> 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 – <b>Per AS9100 Rev D Clause 8.4.3, Section K (AS)</b>
7	<b>NON-CONFORMING PRODUCTS AND MATERIALS.</b> Supplier shall notify Sathorn Corporation and obtain written approval with respect to disposition of any: a) non- conforming products or materials supplied that does not meet engineering drawing approval or documents under contract or purchase order. b) if nonconforming material 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 – <b>Per AS9100 Rev D Clause 8.4.3, Section K (AS)</b>
8	<b>SUPPLIER CORRECTIVE ACTION.</b> Supplier shall, upon request, supply Sathorn Corporation statements of corrective action on nonconformities or failures of suppliers' goods or services – <b>Sathorn Flow Down</b>
9	<b>NOTIFICATIONS.</b> Suppliers must notify Sathorn Corporation of: a) Changes to processes, products, or services b) Changes to external provider or location of manufacture the material – <b>Per AS9100 Rev D Clause 8.4.3, Section K (AS)</b>
10	<b>CERTIFICATES OF CONFORMANCE.</b> Suppliers' acceptance of Sathorn Corporations Purchase order certifies that material and processes supplied under the purchase order shall be or have been controlled and inspected in accordance with Sathorn Corporations Purchase order and meet specified order requirements, referenced specifications and drawings. Supplier must provide 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 – <b>Per AS9100 Rev D Clause 8.4.3, Section I (AS)</b>
11	<b>REQUIREMENTS.</b> Approval of product, procedures equipment, qualifications of personnel should be applicable to certifications sent to Sathorn Corporation – <b>Per AS9100 Rev D Clause 8.4.3, Section B &amp; Section C (ISO)</b>

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**Sathorn Quality Clauses & Their Descriptions**

12	<b>MATERIAL SUBSTITUTIONS.</b> Unauthorized material substitutions are not permitted without Sathorn Corporation's written consent – <b>Sathorn Flow Down</b>
13	<b>RIGHT OF ACCESS.</b> 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 – <b>Per AS9100 Rev D Clause 8.4.3, Section L (AS)</b>
14	<b>RECORD RETENTION.</b> 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 <b>FOR NO LESS THAN 10 YEARS</b> , unless otherwise specified – <b>Per AS9100 Rev D Clause 8.4.3, Section K</b>
15	<b>PACKAGING AND HANDLING.</b> 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 – <b>Sathorn Flow Down</b>
16	<b>WORKMANSHIP QUALITY.</b> Material to be supplied free from burrs and sharp edges – <b>Sathorn Flow Down</b>
17	<b>COUNTERFEIT PARTS.</b> Supplier shall certify that: a) Only new and authentic material are used in products or good 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) – <b>Per AS9100 Rev D Clause 8.4.3, Section K (AS)</b>
18	<b>MERCURY FREE MATERIAL.</b> Sathorn Corporation requires mercury free material – <b>Per QP2100 Rev X Clause 6.6.4</b>
19	<b>DFARS/QUALIFYING COUNTRY.</b> Sathorn Corporation requires that all purchased material be domestic and/or come from a DFARs qualifying country. Supplier must include a copy of the material certification - <b>Per DFARs 252.225-7001</b>
20	<b>DOMESTIC SPECIALTY METALS.</b> 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 <b>252.225-7008, Restriction on Acquisition of Specialty Metals</b> and <b>252.225-7009, Restriction on Acquisition of Certain Articles Containing Specialty Metals</b> . Qualifying Countries are listed in <b>225.872-1</b> .
21	<b>CHANGES IN PROCESS, PRODUCT OR LOCATION.</b> 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 the available in English language – <b>Per AS9100 Rev D Clause 8.4.3, Section K (AS)</b>
22	<b>FOD- FOREIGN OBJECT DEBRIS/DAMAGE.</b> 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 – <b>Per AS9100 Rev D Clause 8.5.4, Subclause B (ISO)</b>
23	<b>LIMITED SHELF-LIFE ITEMS.</b> 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 75% of life remaining – <b>Sathorn Flow Down</b>
24	<b>CONFIDENTIALITY.</b> Suppliers shall hold all information received in confidence and no 3rd party request for information will be authorized without written consent from Sathorn Corporation – <b>Sathorn Flow Down</b>
25	<b>COMPETENCE AND AWARENESS.</b> Supplier shall ensure that personnel are aware of their contribution to products and services provided to Sathorn Corporation. Their contribution to product safety and the importance of ethical behavior – <b>Per AS9100 Rev D Clause 8.4.3, Section M (AS)</b>