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	Document No.	SR300	Revision:	02	Release Date:	10/05/2018
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### Change History

Date	Rev	Issue	Description Of Change	By
01/08/2017	00		Initial Release	
22/12/2017	01		Para 10. Revised sampling requirement Para 28 Added performance requirement	Balaraju Y
<b>10/05/2018</b>	<b>02</b>		Para. 6.1.5 FAI report shall be submitted to OHMASCON for approval before dispatch of the first production lot Para. 11.2 AS9100/9120 certified suppliers shall grant OHMASCON Level 2 access to OASIS database upon request. Para. 18.2 The manufacturer date code shall be within 24 month of shipment date	<b>Balaraju Y</b>

### Approvals

DESIGNATION	NAME	SIGNATURE	DATE
CEO	Balaraju Y	YB	10/05/2018

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**1. Introduction**

- 1.1. Building strong relationships with our suppliers is essential to our success. We expect supportive commitment to Quality through the maintenance of an effective Quality Management System (QMS), the strong foundation where the improvement of products, services, and processes are accomplished.
- 1.2. **OHMASCON Pvt. Ltd. (OHMASCON)** is EN/AS9100 Aerospace and defense quality system certified and demands our suppliers to comply with the applicable requirements of the standard.

**2. Applicable documents**


- 2.1. EN/AS 9100 D :2016
- 2.2. AS9102B First Article Inspection
- 2.3. AS9103 Variation Management

**3. Supplier's classification**

Suppliers of:	
Class 1	Mechanical Parts Assemblies, sub-assemblies manufactured by Suppliers according to OHMASCON's configuration.
Class 2	Special Processes suppliers (heat treatment, painting, plating, x-ray, conformal coating, etc.)
Class 3	Bare PCB, Electronics assemblies manufactured by Suppliers according to OHMASCON's configuration.
Class 4	Original Component Manufacturer (OCM) and raw material manufacturer
Class 5	Distributors franchised by OCM <b>or Independent distributors.</b>

**4. Certification Requirements**

- 4.1. Class 1, 2 and 3 suppliers shall be certified to ISO-9001 and/or AS9100 standard (Latest Revision)

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4.2. Class 1, 2 and 3 suppliers that are not certified to AS9100 shall be certified by the customer or audited by OHMASCON quality department according to the applicable requirements of AS9100.

**5. Awareness**

5.1. The supplier shall ensure that the persons performing activities related to OHMASCON P.O are aware of their contribution to product or service conformity, product safety and relevant ethical behavior

**6. First item (FAI) and process changes**

**6.1. Class 1 Suppliers**

6.1.1. First article inspection must be performed for each first production lot.

6.1.2. Report to be filed on AS 9102 forms, the report must include actual results.

6.1.3. First Article must be identified.

6.1.4. Any modification in the production process must be advised in advance to allow examination of the need for renewed approval of First Article (complete or partial).

**6.1.5. FAI report shall be submitted to OHMASCON for approval before dispatch of the first production lot.**

**6.2. Class 3 suppliers:**

6.2.1. First production lot of PCB assemblies and boards shall be accompanied with a first production report approved by OHMASCON conforming to the requirements of AS9102 required fields.


**6.2.2. FAI report shall be submitted to OHMASCON for approval before dispatch of the first production lot.**

**7. Approval of deviations**

7.1. The supplier is not authorized for any use as is or repair for non-conforming products or materials, any deviation must be approved by OHMASCON using F114-005 Waiver form.

**8. Identification**

8.1. Mechanical parts shall be identified with a Date Code of shipment: WWYY (week number, year), Part Number and Revision letter. Marking method shall be according to drawing requirements or as approved by OHMASCON

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**9. Packaging and Foreign Object Damage (FOD)**

9.1. The manufacturer must ensure that no foreign objects infiltrate production stages and product packaging.

**10. Sample inspection**

10.1. Class 1 – 100% Inspection is required unless otherwise approved by OHMASCON

**11. Customer right of entry**

11.1. Work under this purchase order/contract can be subject to OHMASCON, government or customer surveillance/inspection at the supplier's facilities and sub-tier supplier's facility. If a surveillance / inspection is to be conducted by OHMASCON the government or customer the supplier will be notified prior to this event.

11.2. **AS9100/9120 certified suppliers shall grant OHMASCON Level 2 access to OASIS database upon request.**

**12. Corrective actions report**

12.1. The supplier shall initiate root cause analysis and corrective actions to eliminate the cause for any non-conformity related to the suppliers activities.

12.2. The root cause analysis shall include, as applicable analysis related to human factor.

12.3. The supplier shall immediately report OHMASCON any non-conformities that might affect supplied materials/parts.

12.4. The non-conformances, root cause and corrective actions shall be reported on F114-002 SCAR form or the supplier's form approved by OHMASCON. Containment action if required shall be completed within 5 days. Corrective action shall be approved within 14 days.


**13. Records**

13.1. The manufacturer shall maintain quality records regarding products for a 10-year period at least or according to other instruction by the final customer.

13.2. Destroying quality records of aerospace products requires prior approval of OHMASCON by submitting waiver report using form F114-005

**14. Flow down requirement to sub-contractors**

14.1. Outsourcing of process/activities is not allowed without OHMASCON prior approval.

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14.2. It is the supplier responsibility to flow down all applicable requirements determined by OHMASCON or OHMASCON final customer to sub-contractors and suppliers.

**15. Raw materials**

- 15.1. If required by the PO the supplier shall send a copy of the C.O.A for OHMASCON approval prior to use.
- 15.2. For RAFAEL, IAI or Elbit, the supplier shall send source approval evidence for the final Customer (STS / COC Shipper)
- 15.3. For critical items (specified by OHMASCON or the final Customer) The supplier shall perform periodical validation to the supplied materials. As required by OHMASCON, the supplier shall attach the validation reports.
- 15.4. The raw materials shall be supplied from a single heat lot number.


**16. Special Processes**

- 16.1. Special processes shall be performed only by subcontractors approved by the Customer and by OHMASCON.
- 16.2. Although the job is performed by subcontractors as defined by OHMASCON, the responsibility for product quality, tests and documents is of the supplier.
- 16.3. If required by the final customer or the purchaser, the parts shall be supplied with accompanying test samples.
- 16.4. If required and according to OHMASCON, drawing, specification or final customer requirement, Hydrogen embrittlement release or thermal treatment shall be performed - a report and treatment chart shall be supplied with the parts.
- 16.5. The supplier is responsible to validate special processes according to the applicable specification. Validation report shall be submitted to OHMASCON upon request.

**17. Fasteners**

- 17.1. Fasteners shall be supplied with a certificate of conformance to order requirements. The report shall include manufacturer details and lot number.
- 17.2. The fasteners shall be supplied from one manufacturing lot and one supplier.

**18. Components, PCB's or ESD sensitive products**

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18.1. The components, PCB's or other ESD sensitive products shall be handled with appropriate protective measures to assure that the products are identified and packed with an appropriate protective packaging.

18.2. **The manufacturer date code shall be within 24 month of shipment date.**

**19. Glues/Paints and limited shelf life items :**

19.1. Every single package shall be marked with manufacturing date, recommended shelf life and storage conditions, temperature, humidity or other of all the items/materials with limited shelf life supplied in the PO.

19.2. The remaining shelf life shall be at least 80% of the general shelf life of the item during departure from supplier facility.

**20. Electronic components**

20.1. Electronic and electro-mechanical components shall be supplied in rulers or original manufacturer and complete antistatic packages.

20.2. Components with long legs such as transistors and capacitors shall be supplied in packaging which protects the component legs.

20.3. If the items were rolled or re-packed – the package shall be marked accordingly.

20.4. It shall be ensured by the supplier that components in the rulers are attached firmly and are not causing damage to other components.

20.5. Every shipment shall be accompanied by a COC of the original manufacturer or approved distributor. Components supplied by approved independent distributor shall be accompanied by COC traceable to OHMASCON P.O and to the manufacturer/Authorized distributor COC.

20.6. The manufacturer will not make use of LF manufacturing processes and will not use soldering alloys that differ from the composition of SnPb, without the prior approval of OHMASCON

**21. Circuits**


21.1. The supplier shall use general specifications and CAD drawing for reference.

21.2. Workmanship shall be performed per IPC-A-600 Class 3.

21.3. Panel should be approved before production.

21.4. Every lot shall be supplied with coupons and test reports.

21.5. For assembled circuits - Workmanship shall be performed per IPC-A-610 Class 3.

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21.6. Electronic boards shall be marked by identification stickers P/N D/C REV. S/N to identify the contractor.

21.7. Every circuit shall be packed in ESD bubble-wrap and a separate box to be supplied by OHMASCON or as determined in the P/O.

**22. Harnesses/wiring**

22.1. Workmanship for harnesses/wiring according to IPC/WHAMA-A-620 Class 3.

22.2. For every new lot, a prototype shall be manufactured and approved by OHMASCON prior to manufacturing of the lot.

22.3. COC and TR for electrical tests shall be attached.

22.4. Every harness shall be marked by a sticker including P/N and revision.

**23. Special requirements**

23.1. Special requirements, Critical Items and Key characteristics specified on the drawing, P.O or special requirements appendix (SRA) shall be controlled and managed as required by the applicable document.

**24. Control of work transfers and Production/Process changes:**

24.1. Temporary or permanent transfer of work related to OHMASCON shall be subjected to the approval of OHMASCON.

24.2. The control of work transfer shall be monitored and managed according to OHMASCON requirements.

24.3. The supplier shall notify OHMASCON of changes in product and/or process, changes of suppliers, changes of manufacturing facility location and obtain organization approval prior to the implementation of changes.

**25. Product Safety**


25.1. The supplier shall identify product safety requirements specified in the PO and implement the required controls. Product safety issued may be determined by the suppliers in order to mitigate risks or comply to regulations.

**26. Lot rejection**

26.1. OHMASCON is required to be reported on every case that material lot is identified as rejected.

**27. Counterfeit part prevention**

27.1. The supplier will comply with the requirements of AS5553 / AS6174 and ensure that the following requirement are met :

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27.1.1. The Supplier may only purchase or source items directly from Original Component Manufacturers (“OCM”), OCM authorized (e.g. franchised) distributors or aftermarket manufacturers. Use, purchase or the sourcing of items from non-OCM authorized independent distributors or brokers are not permitted unless first approved in writing by OHMASCON.

27.1.2. The Supplier must present compelling support for its request to use such non-OCM authorized suppliers for OHMASCON’s approval (including but not limited to OCM documentation that authenticates supply chain traceability of the parts to the OCM) and include in its request all necessary actions it shall take to ensure those items thus procured are new, unused, authentic, genuine and legitimate Items.

27.1.3. The Supplier shall maintain a method of traceability that ensures tracking of the supply chain back to the manufacturer of all Items included in the supplies being supplied. This traceability method shall clearly identify the name and location of all supply chain intermediaries from the manufacturer to the direct source of each Item for the Supplier and shall include the **manufacturer's batch identification for the Item such as but not limited to date codes, lot codes, serializations, or other batch identifications**. Full supply chain traceability documentation includes but is not limited to OCM, Original Equipment.

**28. Performance matrix**

- 28.1. OHMASCON Suppliers performance are monitored for Quality, OTD and handling of complaints.
- 28.2. Performance scores below OHMASCON criteria shall result a request for improvement plan by the supplier

**29. List of applicable forms**

- 29.1. F114-002 SCAR
- 29.2. F114-005 Request for deviation (Waiver)