

ANNUAL SUPPLIER QUALITY COMMUNIQUE JULY 2026

As a valued partner and supplier to Pleora we work to inform our critical supply and services base whenever we observe trending quality issues that may impact Pleora and our customers and to engage with suppliers on issues related to the evolution of Quality Management Standards.

Please contact your Pleora buyer or Quality Engineering contact for access to the supplier portal on support if any questions are required or for released QC Clauses.

This year we have added clauses dealing with how suppliers handle our Intellectual Property such as cad models and our software in an AI (artificial intelligence World). Exposing Pleora IP to Large Language Models that have open to the world aspects is strictly prohibited.

We trust our suppliers have employed a Code of Conduct internally and flow similar to their suppliers with expectations in terms of ethical behavior, health and safety and product safety in compliance with local laws. If a supplier suspects a potential quality or safety risk in the supplied product to Pleora we request notification through your Pleora buyer.

Risk Areas:

Supply Chain Shortages:

With significant shortages through 2022 we urge our suppliers to be ever vigilant with regards to counterfeit risks.

Counterfeit Mitigation: (EEE) AS5553B -AS6081-and ARP 6328

SAE via their suite of AS standards have released the approved revisions to several standards related to counterfeit mitigation. Pleora requires our suppliers, third party suppliers and franchised distributors and Brokerage Test houses to mitigate the risk of counterfeits, to adopt methods in accordance with AS5553, AS6081, AS6171 slash sheets or ISO/IEC 17025 which will guide them on methods to avoid and detect counterfeits.

If a supplier defines the need for Non franchised Broker parts use **please stop and consult your Pleora Buyer or Pleora Quality Engineering Representative for Specific Procedures or QC Clauses. Pleora requires to review and or assess any such use of NFD/Broker sourced parts and authenticity before use.**

Trending Quality SCARS/Quality Escapes (ALL) **Example of High Risk Recent occurrence**

**Pleora are advising suppliers to focus on the control and monitoring of special process suppliers:
Failure Modes (risk Areas): Plating, Painting and Anodize.**

Special process failures in areas such as Anodic Coatings/ Nickel-plating defects and soldering process defects are trending globally resulting from poor contract review and failure to flow down audit and verify requirements to the sub tier **special process** vendors from Pleora or OEM requirements.

Pleora encourages our supplier partners to audit not only a certificate of conformity. A supplier audit should include supporting lab test results behind the C of C. (I.E. plating, painting, chemical film or Anodic coating feature or chemistry and physical properties.) These reports for active P.O's. will be requested on a sample basis by your Pleora buyer or Pleora Quality Engineering Contact.

PCBA Non-conductive Via-fill outgassing through ENIG plating:

In 2021-2022 we observed several PCBA suppliers where via fill outgassing compromised the ENIG top plating on PCBA built for Pleora. Please review your process if you are a PCBA fabricator and ensure this risk is not present.

The CHANGE OPPORTUNITY (risk area)

High Risk Opportunity for Defect and quality escape prevention and detection: (ALL)

A failure that has been frequently detected by industry or noted in supplier SCAR responses occurs when supplier's internal process **encounters a change opportunity**. In any industry sector this is one of the most risk prevalent areas for quality defects to occur and for escapes to customer to take place and remain undetected.

Pleora encourages a practice of FIRST-OFF/Golden Sample **verification** during these product and or process change scenario using a secondary Engineer, shift supervisor or lead hand could verify or peer verify that the operator or technician has generated an acceptable part.

Change Notification to Pleora:



If you supply Pleora designed product and plan relocate a factory, line or product, change a process, procure and deploy new equipment or experience a significant labor disruption please ensure Pleora is informed before the changes via your assigned Pleora buyer. Pleora monitors all other OEM/COTS part changes through conventional PCN methods.

FAIR May be requested: (Could be used to support verification of changes)

When applicable by the Pleora purchase order /QC clauses please consult the SAE/IAQG website supplier Portal for AS9102 access and training materials for FAI completion if applicable to your product.

FOD Controls: (ALL)

Suppliers are required to ensure Pleora ordered parts or assemblies are free from FOD (Foreign Object Debris). Suggested guidance for a FOD control system includes NAS standard 412 FOD although other standards are available. Several examples can include where FOD such as machining chips were not removed from drilled and tapped holes.

Environmental Compliance: CMRT

Suppliers are requested to review their CMRT (conflict minerals programs) as Pleora has experienced up to 35% of our sub-tier suppliers do not collect nor report compliant CMRT reports. Seek assistance of a provider if required from external providers including but not limited to: Ascent Compliance, IPOINT or Source Intelligence and several others to collect and assess these CMRT reports for you.

WHAT SHOULD PLEORA SUPPLIERS BE DOING NOW?

Review Purchase Orders, Quality Clauses and General Terms and conditions to P.O. footer.

Contract Terms conditions and Quality Clauses can be obtained from the Quality Manager or Pleora assigned buyer or by using the links to the Pleora website.

- Ensure employees who prepare the C of C are knowledgeable of the requirements based on the commodity.
- Analyze your final inspection process/procedure/checklists and confirm that it includes review of the C of C.
- Where applicable audit your F.A.I methodology and re-train staff to train using the IAQG supplier Handbook.
- Consider adopting a structured 8D root cause and corrective action system, review containment strategies.
- Audit special process suppliers on site and verify process controls are acceptable and are documented.
- Review your contractual flow down to suppliers.
- Ensure change notifications are provided to Pleora for approval prior to initiating the change.
- Validate and verify process and product changes.
- If distributing EEE parts refresh your AS5553 knowledge and create a counterfeit mitigation control plan.

Regards

Cameron Creech
Supply Chain and Operations Manager
Cameron.creech@pleora.com
+1-613-270-0625

Larry McHenry
Quality Engineering Manager
Larry.mchenry@pleora.com
+1-613-270-0625