



## Quality Terms for Purchase Orders

*The acceptance of a purchase order issued by Hanwha Advanced Materials America indicates acceptance of the following terms. If these terms cannot be met, notify Hanwha immediately.*

1. **Customer Right of Inspection** Hanwha, its customers, and regulatory authorities shall have the right of access to the applicable areas of the organization's facilities, at any level of the supply chain involved in the order, and to all applicable records.
2. **Certification / Prevent Counterfeit Parts** Suppliers shall sign and certify that all parts, materials, and processes were inspected and found to comply with the requirements of this purchase order. Suspect Parts are not allowed, and all documentation shall indicate latest revision level of the process used.
3. **Processes / Parts Revision** All processes, parts, drawings, specifications, etc. listed on this purchase order shall be to the latest revision unless otherwise stated and approved by Hanwha. It is the supplier's responsibility to make sure the latest revision is being used and approved by Hanwha prior to shipment.
4. **Identification / Traceability** shall be maintained for all products and materials on this purchase order; a Certificate of Analysis/Certificate of Compliance is required for all materials delivered to Hanwha. Certificates shall include Identification/Code/Part number, Product description, Applicable revision number, Lot Number(s), Batch number(s), of Parts/Materials listed on this purchase order. Supplier shall maintain traceability of all raw materials used, Test methods and Tests performed, Acceptance criteria, and Test results according to approved specifications.
5. **Documented Information** Suppliers shall maintain all documented information associated with the products and/or services listed on this purchase order, as required. Documented information shall be accessible and retrievable. Documented information shall be retained for 20 years minimum, or as otherwise agreed to the length of time as defined by Hanwha, as well as industry standards and shall be proved to Hanwha upon request. It is the supplier's responsibility to make sure the retention period is compliant with Hanwha Customer Specific Requirements.
6. **Authorized Markings** Suppliers shall not use unauthorized markings. Only markings listed on the drawing and parts list are allowed on parts, including acceptance and date stamps.
7. **Change in process** Suppliers shall notify Hanwha of any major product or process changes, including, Man, Material, Machine, Method, and Supplier changes.
8. **Verification & Validation (Test) Acceptance** Suppliers shall employ the use of statistical techniques for Design, Test, Inspection, Verification, and Related instructions for Critical items, Key characteristics, and Product acceptance as agreed by Hanwha.
9. **Test Samples** Suppliers shall provide during the validation stage or upon request, materials and/or product samples for testing and/or inspection required to fulfill this purchase order, including, but not limited to, Design and Development, Prototype, Design Approvals, Inspection/Verification, Investigations, and /or Auditing.
10. **Flow-Down Requirements** Suppliers Shall Flow Down the supply chain applicable requirements, including documented customer requirements.
11. **QMS Requirements** Suppliers shall implement and maintain a Quality Management System, preferably compliant with ISO 9001 and IATF 16949 unless otherwise documented on Purchase order. Please reach to your Hanwha Buyer if questions.
12. **Designated Approved External Provider** External Provider without QMS certification will be approved following QOP-74-01 and QOP-74-02 Supplier selection and monitoring. Only approved external providers or customer designated external providers will be used for materials and services directly affecting the manufacturing of Hanwha Advanced Materials product
13. **Awareness for Employee** Suppliers shall ensure employees are aware of their contribution towards.
  - a. **Product/Service Conformity**
  - b. **Product Safety**
  - c. **Importance of Ethical Behavior**
14. **Communication** Suppliers shall designate resources for maintain appropriate channels of communication with Hanwha. These resources should be able to provide information relating to Products and Services, Emergency situations related to deliveries, Product quality, Quality issues, Contract review, Design changes and any specific requirements from Hanwha.
15. **Material Characteristics/Shelf-Life** Suppliers are required to provide information on the materials susceptible to degradation over time. This information must at least contain shelf-life starting date and expiration date as well as any special storage requirement, Shelf-life materials must have a minimum of 80% of shelf-life remaining at the time of being delivered to Hanwha.
16. **Nonconforming Products or service** Supplier shall communicate to Hanwha in the event of known non-conformity in the product and take the appropriate containment measure to prevent additional affection. Hanwha has the right to Claim Labor, Replacement, Repair, or any other related affection costs from non-conforming products or services from Supplier. These actions will be notified in advance and in writing to Supplier.