

NNS Supplier Quality Alert

July 17, 2020

Subject: Supplier Quality Trend Data Highlights Defects Related to Hardware Received Without the Required Contract-Specified Software Deliverables

Dear Valued Supplier,

Supplier Quality has observed a consistent trend of software related defects where hardware has been shipped to HII-NNS without the required contract-specified software deliverables. Software deliverables provide the necessary objective-quality-evidence (OQE) that the hardware supplied conforms to the requirements of the purchase order. Two trends that are of particular concern are:

- 1) Hardware shipped without the required Certificate of Conformance (C of C), and
- 2) Hardware shipped without the required Material Test Reports (MTR) such as mechanical, chemical and performance tests

HII-NNS suppliers have a contractual obligation to ensure that their product meets all hardware and software requirements per contract prior to shipment. This can be achieved with a robust process of software verification which provides an opportunity to review all required software deliverables for accuracy and verification that the material is compliant with the contract requirements prior to shipment. Supplier Quality recommends the use of a software deliverable checklist to aid in this verification process along with validation and approval by the Supplier's Quality Control/Quality Assurance department prior to the shipping process.

HII-NNS's External Supplier Webpage (<https://supplier.huntingtoningalls.com/sourcing/index.html>) provides examples of document submittal checklists that may be considered for use by our supply base and are intended only to provide guidance and are not mandatory. Supplier Quality requests your support on improving this trend.

Please note that this alert should not be used as a basis for any price, delay in delivery, or any other modification of NNS purchase order requirements.

If you should have any questions or concerns with regards to this Alert, please contact HII-NNS Supplier Quality at NNSSupplierQuality@hii-nns.com or Daniella R. Delgado, HII-NNS Supplier Quality Engineer, at Daniella.R.Delgado@hii-nns.com.

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