

GENERAL DYNAMICS

Ordnance and Tactical Systems

Healdsburg Supplier Quality Requirements

QR-0043

Revision	Date
A	02/11/2021

Electrostatic Discharge (ESD) Protection

Revision History

REV.	CN #	DATE INCORP.	NOTES
-	40764	02/27/2019	Initial Release
A	70513	2/11/2021	SEE PDM

Requirements

The items to be delivered under the Purchase Order may be sensitive to electrostatic discharge (ESD). The Seller shall ensure that ESD protection criteria are in accordance with approved common practices.

Suppliers shall use ESD protective control procedures modeled from ANSI/ESD S20.20, Electrostatic Discharge Control Program or equivalent. Packaging material, containers and identification shall be in accordance with ANSI ESD S20.20 or equivalent. ESD sensitive items shall only be handled or processed at an approved ESD Protective Work Station. Once an ESD sensitive item is installed in an assembly, that assembly shall only be handled or processed at an ESD Protective Work Station, up to the assembly level, wherein the parts are protected by virtue of the connected circuitry or their enclosure. ESD Protected Areas shall have as a minimum:

- A safe ground
- Monitoring of the work shall assure degradation has not occurred
- Static safe totes, trays, or protective bags to store and move ESD items