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## Quality Code D

Foreign Object Debris (FOD) awareness is critical in our industry. At SSI we inspect all incoming components to ensure that they are clean, undamaged, and free of foreign material prior to use on our cable assemblies.

Any amount of FOD can have a detrimental effect on mechanical and electrical fit, form, and function of parts and assemblies and can affect performance at higher assembly levels and on that of surrounding components at operational levels.

Many components are susceptible to damage from electrostatic discharge (ESD). Packing material that contains “Peanuts” or Styrofoam is not acceptable.

The supplier shall develop, implement and maintain a Foreign Object Debris/ Damage (FOD) process that meets the intent of NAS 412, Foreign Object Damage/ Foreign Object Debris (FOD) Prevention, utilizing the guidance provided to establish an effective FOD prevention program for their particular product or program.

Supplier shall maintain good housekeeping to preclude introduction of or damage to any product/material caused by a foreign object(s) into any deliverable item Supplier shall employ appropriate practices to assure timely removal of residue/debris generated during manufacturing operations or tasks.

Please ensure product is examined prior to both sealing and packaging for the following:

1. Wire/lead clippings
2. Flux residue and/or any residual fluids used during manufacturing
3. Solder splatter
4. Metal and or teflon shavings
5. Tie wrap and lacing cord cuttings
6. Loose nuts, bolts, washers and other hardware including staples
7. Loose tools or pieces of tools
8. Metal deposits/flaking from machining
9. Dirt, lint or fibers or other foreign material

We appreciate your attention to this matter.

### **Anna Wood | Quality Manager**

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