



**Electronic Systems
Northrop Grumman Corporation
Post Office Box 1693
Baltimore, Maryland 21203 MS S103**

11/25/2009

Mid Atlantic Finishing
4656 Addison Rd
Capital Heights, MD 20743

Attention: Troy Mason

Subject: Special Process Survey / Audit

Dear: Mr. Mason

The survey for the special process(s) as indicated on the following page at your Capital Heights, MD Facility on 11/24/2009 revealed satisfactory implementation. The status of the survey is **ACCEPTABLE**. As a result of this finding, your facility is eligible for Northrop Grumman Electronic Systems procurement.

We would like to express our appreciation for your assistance and cooperation during the visit. If you have any questions, please contact your Supplier Mission Assurance representative.

Sincerely,

Supplier Mission Assurance

Special Processes by commodities

Chemical Processing

- MIL-A-8625, Anodize
- AMS QQ-P-416, (QQ-P-416), Cadmium Plating
- MIL-DTL-5541, Chromate Conversion
- SAE-AMS-2418 (MIL-C-14550), Copper Plating
- AMS 2422, Gold Plating
- ASTM B488, (MIL-G-45204), Gold Plating
- AMS 2403 (AMS-QQ-N-290), Nickel Plating, General
- AMS 2423 (AMS-QQ-N-290), Nickel Plating, Hard
- AMS 2404 (MIL-C-26074), Electroless Nickel
- ASTM-B-700, (QQ-S-365), Electrodeposited Silver
- ASTM B545 (MIL-T-10727), Tin Plating
- ASTM B339, Tin, Hot Dipped
- SAE-AMS-P-81728, Tin-Lead
- TT-C-490, Zinc Phosphorous
- ASTM-B-633, (QQ-Z-325), Zinc Plating

Non Destructive Testing

- ASTM E 1417, Dye Penetrant
- ASTM E 1742, Radiography
- ASTM E1444, (MIL-I-6868), Magnetic Particle Examination

Heat Treatment

- 347R223, Heat Treat of 6061 Al Assy's Using Forced Hot Air
- PDS 83032AA, Heat Treat of Mumetal
- SAE AMS 2759/3, Heat Treat
- SAE AMS 2770, (SAE AMS-H-6088), Heat Treat
- SAE AMS 2771, Heat Treat
- SAE AMS-H-6875, Heat Treat
- AMS-H-81200, Heat Treat Titanium Alloys
- AMS-2801, Heat Treat Titanium Alloys

Welding

- AWS D17.1, Fusion Welding
- MIL-STD-2219, Fusion Welding
- SAE AMS-W-2681, Electron Beam Welding
- AWS D17.2 (SAE AMS-W-6858), Spot Welding
 - Group 1, Class A
 - Group 1, Class B
 - Group 1, Class C
 - Group 2, Class A
 - Group 2, Class B
 - Group 2, Class C

Brazing

- AWS C3.7, (MIL-B-7883), Vacuum Braze
- AWS C3.7, (MIL-B-7883), Dip Braze
- AWS 3.4, (MIL-B-7883), Torch Brazing