BOMBARDIER
Toronto Site
PROPRIETARY INFORMATION

PPS Revision Notice

As of September 14, 2016, the following PPS's have been released, having been revised as noted below:

PPS 30.04, Issue 32 - Steel Heat Treatment - Carbon and Low Alloy Steels

- Replaced ASTM A228 with ASTM A228/A228M; Replaced ASTM E8 with ASTM E8/E8M.

PPS 30.06, Issue 24 - Heat Treatment of Precipitation Hardenable (PH) Stainless Steels

- Specified that furnaces used for heat treatment shall be equipped with pyrometric control, and chart recorder controlled according to BAERD GEN-007.
- Specified that instrumentation and equipment shall be qualified according to BAERD GEN-007.
- Deleted "QDI-09-02" from the PPS.
- Revised Facilities Requirements section wording.
- As this PPS is no longer being performed on site, therefore, specified that safety precautions applicable to the materials and procedures specified herein shall be defined by the subcontractor performing the work for Bombardier Toronto.
- Revised Personnel Requirements section wording.

PPS 30.10, Issue 11 - Heat Treatment of Austenitic (Strain Hardenable) Stainless Steel

- Replaced the term "oven" with "furnace" throughout as per Materials Technology's request.
- Specified that furnaces used for heat treatment shall be equipped with pyrometric control, and chart recorder controlled according to BAERD GEN-007.
- Specified that instrumentation and equipment shall be qualified according to BAERD GEN-007.
- Revised Facilities Requirements section to include reference to PPS 13.39 for additional requirements.
- Revised Facilities Requirements section wording.
- As this process is no longer being performed in Bombardier Toronto, hence, specified that safety precautions applicable to the materials and procedures specified herein shall be defined by the subcontractor performing the work for Bombardier Toronto.
- Revised Personnel Requirements section to refer to PPS 13.39 for additional requirements.

PPS 32.36, Issue 4 - Thin Film Sulphuric Acid Anodizing (A7)

- Deleted specifying that this process is an alternate procedure to that specified in PPS 32.03 until TFSAA process is fully qualified for use. Initial qualification process testing is in progress at Bombardier Toronto Once qualified, this statement will be re-incorporated.
- Revised masking material.
- Specified that compressed air shall meet the requirements of BAERD GEN-023.
- Specified current rectifier as an example of an acceptable rectifier.
- Added additional requirements to anodizing tank.
- Revised Facilities Requirements section to include reference to PPS 13.39 for additional requirements as this PPS is categorized as a critical process.
- Specified that all testing and evaluation specified in PPS 32.36 shall only be performed by Bombardier Toronto Materials Laboratory or by laboratories accredited according to BAERD GEN-018.
- Added Sealing Efficiency Testing as part of Process Qualification requirements.
- Added alternate test panels for Fatigue testing (i.e., LAB 073-01 and LAB 073-02).
- For filiform corrosion, deleted specifying “for Type I panels, the scribe shall also penetrate through the Alclad layer”.
- Added additional visual inspection information.
- Added additional safety precautions statements.
- Specified to refer to PPS 13.39 for additional personnel requirements as this process is categorized as a controlled critical process.
- Added new Disposal of Chemical Wastes section.