

As of January 20, 2017, the following PPS's have been released, having been revised as noted below:

PPS 0.01 – Production Process Standard (PPS) Numerical Index

- Added new PPS 9.53 (Installation of HTAT Heat Shrinkable Tubing) and PPS 9.54 (Installation of Fyrejacket Sleeving).

PPS 0.02 – Production Process Standard (PPS) Alphabetical Index

- Added new PPS 9.53 (Installation of HTAT Heat Shrinkable Tubing) and PPS 9.54 (Installation of Fyrejacket Sleeving).

PPS 6.21, Issue 11 – Assembly and Installation of Quickfit Fittings

- Added new Dykem Cross Check tamper proof mark for torque marking.
- Deleted Bombardier Toronto (de Havilland) specific instruction to only use 3M EC-1252 tamper proof sealant to depletion of existing stock.
- Revised references to tamper proof sealant resistance to hydraulic fluids (e.g., Skydrol) to specify that all the tamper proof sealants specified are resistant to splashes of hydraulic fluid but are not resistant to immersion.
- Added an instruction to allow applied tamper proof sealant to cure undisturbed according to the manufacturers' instructions.
- Added an instruction to apply tamper proof sealant sparingly, especially in overhead applications.
- Revised/clarified safety precautions relating to tamper proof sealant.
- Revised caution regarding exposure of hydraulic fluid lines and components to be used with MIL-H-5606 hydraulic fluid blends containing isopropyl alcohol to delete reference to documents superseding MIL-H-5606.

PPS 9.53, Issue 1 – Installation of HTAT Heat Shrinkable Tubing

- This is a new PPS based upon information currently specified in PPS 9.04 Issue 48.

PPS 9.54, Issue 1 – Installation of Fyrejacket Sleeving

- This is a new PPS based upon information currently specified in PPS 9.04 Issue 48.

This revision notice lists brief summaries of technical changes introduced for each of the revised PPS's. Please note that these summaries are not detailed and are intended only to assist in alerting PPS users to changes which may affect them; refer to the applicable PPS for authorized, detailed procedure and requirements.

PPS 20.03, Issue 37 – Fluorescent Penetrant Inspection

- Added specific AMS 2644 penetrant Type, Method and Sensitivity required for each application method.
 - Added specific AMS 2644 developer Form for each application method.
 - Added authorization to use light emitting diode (LED) type black lights (e.g., Magnaflux EV6000) in place of high pressure, mercury vapour sealed reflector type lamps.
 - Added provisions for use of special battery operated black light equipment.
 - Clarified provisions regarding approval of written instructions, procedures and/or techniques to specify approval by a Level 3 certified according to BAERD GEN-012 requirements.
 - Added circumstances detailing when etching is not required on certain surfaces after a metal smearing operation.
 - Added authorization to perform in-situ etching at Bombardier Toronto (de Havilland), if necessary, according to LPM 9080 or LPM 9082, as applicable, in place of etching according to PPS 31.02, PPS 31.05 or PPS 31.09.
 - Added specific temperature range limits and associated minimum times for drying parts after pre-cleaning.
 - Clarified personnel requirements to specify certification according to BAERD GEN-012.
 - Revised personnel requirements for subcontractor/supplier personnel performing NDT Level 3 activities to specify such must additionally be approved by Bombardier Toronto (de Havilland) NDT Level 3.
 - Revised requirements for when penetrant removability checks must be made.
 - Added penetrant sensitivity, black light filter verification, and special black light equipment checks.
 - Revised frequency of water temperature gauge calibration to every 3 months minimum.
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