

CHEMICAL AGENT RESISTANT COATING PROCESS CERTIFICATION

Form to be completed by supplier performing paint application; check all that apply.

Part Number: _____ Revision: _____ Quantity: _____

Process Specification / Procedure: _____

Customer: _____ Date: _____

CLEANING

- TT-C-490 Method I
 TT-C-490 Method III
 MIL-DTL-5541
 Other: _____

PRETREATMENT

- Alodine 5200 / 5700
 DOD-P-15328
 TT-C-490 Type I
 MIL-A-8625
 MIL-C-8514
 MIL-DTL-5541 Type: _____ Class: _____
 Other: _____

PRIMER

- MIL-DTL-53022
 MIL-DTL-53030
 MIL-DTL-53084
 MIL-PRF-23377
 MIL-PRF-85582
 MIL-PRF-32348
 A-A-59745
 Other: _____
Manufacturer: _____
 Product: _____
Batch: _____
 On the QPL (When directed by the Military spec)
Include batch # for component A and B

TOPCOATING

- MIL-C-46168
 MIL-DTL-53039
 MIL-DTL-64159
 MIL-P-14105 (Heat)
 MIL-PRF-22750 (Interior)
 MIL-PRF-32348
Other: _____
Manufacturer: _____
Product: _____
 Batch: _____
 On the QPL (When directed by the Military spec)
Include batch # for component A and B

COLOUR

- Green 383, Chip #34094
 Tan 686A, Chip #33446
 White, Chip #17925
 Semi Gloss Black, Chip #27038
 Seafoam Green, Chip #24533
 Black, Chip #37030
 Grey, Chip #26152
 Other: _____

TESTING

- | | | |
|--------------------------|--------------------------|--------------------|
| Pass | Fail | |
| <input type="checkbox"/> | <input type="checkbox"/> | Adhesion Test |
| <input type="checkbox"/> | <input type="checkbox"/> | Dry Film Thickness |
| <input type="checkbox"/> | <input type="checkbox"/> | Solvent Wipe |
- Corrosion Resistance: _____
(Date of last test)

The surface treatment processes are free from Hexavalent Chromium: Yes / No
The surface treatment processes comply with MIL-DTL-53072 specifications: Yes / No
All processes have been completed I.A.W. the applicable notes in the technical data package for the part number. Yes / No

Supplier: _____

Date: _____

Signature: _____

Title: _____

COPIES OF ORIGINAL MANUFACTURER(S) PAINT AND PRIMER CERTIFICATIONS MUST BE AVAILABLE UPON REQUEST

CHEMICAL AGENT RESISTANT COATING PROCESS REQUIREMENTS

The supplier shall be able to demonstrate compliance to the following requirements:

1. Substrate cleaning, pretreatment, and primer application shall be in accordance with the technical data package.
2. Primer shall be procured from the appropriate Qualified Products List (where applicable).
3. Topcoat shall be procured from the appropriate Qualified Products List (where applicable).
4. Reducers used in coatings shall meet the applicable military standard requirements.
5. CARC application process shall be in accordance with MIL-DTL-53072.
6. Testing shall be performed in accordance with the following practices. Records shall be maintained for all testing.
 - 6.1. Solvent Wipe:
Testing shall be performed in accordance with MIL-DTL-53072 (reference section 4.2.3.2).
 - 6.2. Dry Film Thickness:
Testing shall be performed in accordance with MIL-DTL-53072 (reference section 4.2.3.3).
 - 6.3. Adhesion:
Testing shall be performed in accordance with MIL-DTL-53072 (reference section 4.2.3.6).
 - 6.4. Corrosion Resistance:
Provision shall be made for salt spray testing in accordance with MIL-DTL-53072, paragraph 4.2.3.7. This testing can be conducted at the contractor's own plant or a third party testing laboratory. Three specimens are to be provided. Where the use of production parts is not practical, sample panels may be used, provided that they accurately reflect the production painting process. The salt spray test must be performed to qualify the CARC process. Re-qualification is required when the process has been changed or when directed by GDLS-C.

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GDLS-C 4707 Rev 28-Sep-2015

Record Retention: ACT (life of the contract) +10 years (MAN-40)