PRESERVATION PROCESS INSTRUCTION (PPI) for AIRCRAFT CARRIER NONSKID SYSTEMS AND DECK GRAY COATING SYSTEMS

to be used in conjunction with
CORE PPI 63101 - 000 with a
Cleanliness Level of SSPC-SP-12 WJ-2L Surface Preparation

AGENCY		DATE
NAVSEA 05P23 Engineering Manager	**Approved by:** Mark Angl	30 Nov. 2010
NAVSEA 05P23 Technical Warrant Holder	**Approved by:** Mark Angl	30 Nov. 2010

1. SCOPE:

1.1 Cleaning, Surface Preparation and Painting Requirements for Steel Deck Nonskid Areas.

1.2 RISK STATEMENT:

1.2.1 Risk for installation. If proper surface preparation and application procedures are not adhered to, coating system failure can occur within 3-6 months.

1.2.2 Risk for curing. If overcoat window timeframes are not adhered to, coating system failure is possible within the first 6-9 months of application.

1.2.3 If the PPI checkpoint criteria are met, the following table provides service life expectancy for the listed systems:

Coating System Life Expectancy:

Area	Surface Preparation Methods	Type & Composition	System MIL-PRF 24667 Types I,II V, VI, VII, Classes L and G	Life Expectancy
Deck Nonskid	Cleanliness Level of SSPC-SP-12 (WJ-2L)	TYPE 1, COMP L	ASI MS 400 L, AST MS 400-100 L	10,000 Landings
		TYPE 1, COMP G	AST MS 400 G, AST MS 400 G LSA, **AST MS 400-100 G,** AST MS 440 G, AST MS 660 G UV/LSA, AST MS 4100 G LW, AMERCOAT 138 G	1-2 Years
		TYPE II, COMP G	AST MS 375 G, AST MS 440 G, AST MS 660 G UV/LSA, AMERCOAT 138 G	6 Months to 1 Year
		TYPE V, COMP L	INTERSHIELD 6LV	15,000 Landings
		TYPE V, COMP G	INTERSHIELD 6GV AST MS 5000G AST MS 5101G	3 Years
		TYPE VI, COMP L	NONE	10,000 Landings
		TYPE VI, COMP G	AST MS 6000G AST MS 6101G	1 Year
		TYPE VIII, COMP L	INTERSHIELD 9L	10,000 Landings
		TYPE VIII, COMP G	INTERSHIELD 9L UV/LSA AST MS 8000G	1 Year

NOTE: MIL-PRF-24667C STATES THAT, PRODUCTS WHICH ARE TYPE V AND TYPE VIII AUTOMATICALLY MEET TYPE I AND TYPE II REQUIREMENTS.

2. REFERENCES: (REFER TO CORE PPI EXCEPT FOR THE FOLLOWING)

2.c. MSDS and NAVSEA approved manufacturer's ASTM F 718 sheets, Shipbuilders and Marine Paints and Coating Product / Procedure Data Sheet for QPL-24667, MIL-PRF-24635 Coating System Being Applied.

2.d. ASTM D 4417, Method C, Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel

2.s. NSTM 634, Deck Coverings

2.t.
a. NAWC-AD Class Guidance Drawing (s),
b. Latest Air Capable Ship Aviation Facilities Bulletin (s),
c. Latest Amphibious Assault Ship Aviation Facilities Bulletin (s),
d. Shipboard Aviation Resume (NAEC-ENG-75756, Latest VLA General Service Bulletin)
e. 620186 REF. P. Visual Landing Aids Installation and Clearance Requirements.

3. APPENDICES: (REFER TO CORE PPI EXCEPT FOR APPENDICES 1A-1H, 5, 6, 7A, & 8)

4. REQUIREMENTS: (REFER TO CORE PPI EXCEPT FOR THE FOLLOWING)

4.3 QUALITY ASSURANCE REQUIREMENTS:

4.3.1 REQUIREMENTS FOR COATED AREAS. In accordance with Ref. 2.s, all contractors applying nonskid to US Naval Vessels INCONUS are required to maintain an active SSPC-QP1 certification with the Society for Protective Coatings (SSPC). Surface preparation shall be accomplished by certified blasters. Coating systems shall be applied by certified painters and test / inspection records maintained IAW Ref. 2.s, **Section 634.7.13** (Quality Assurance Checklist). Checkpoints and final inspections shall be signed off by certified coating inspectors

4.3.5 IN-PROCESS INSPECTIONS: Responsible Government Representative certified coating inspector shall be given prior notice and shall perform an inspection of each coated area when the following checkpoints are reached: pre-surface preparation & cleaning, contamination containment and masking, surface preparation, paint storage area, mixing, primer coat, between successive coats of paint, topcoat of paint applied, marking layout, color topping and area ready for final inspection. The inspector is required to examine all data maintained by the paint foremen concerning environmental conditions, surface cleanliness, surface profile, and paint / nonskid thickness. Data shall be verified, depending on the checkpoint in question, including surface cleanliness, surface profile, wet film thickness, dry film thickness and workmanship. Environmental data, such as temperatures, relative humidity and dew point need only be verified if the inspector is doubtful of the recorded values. Deficiencies in personnel training, certification, record maintenance, equipment maintenance or any matter that is not IAW good painting practice shall be recorded. The coating inspector shall verify the successful completion of each checkpoint and sign and date the applicable spaces on Appendix 5.

4.4 RECORD KEEPING:

4.4.1 RECORD KEEPING DURING SURFACE PREPARATION / NONSKID SYSTEM APPLICATION: A permanent record of environmental conditions, surface preparation, and nonskid system operations shall be maintained IAW Ref. 2.s, **Section 634-7.13**, (Quality Assurance Checklist). Data shall be entered on Appendices 1A - 5 and 7. The record shall include dates and times of surface preparations, nonskid system operations, air temperatures, wet bulb, surface temperature, relative humidity and dew point. Enter on Appendix 1A the abrasive blast media manufacturer, type and size of abrasive used.. All appendices and data logger information shall be provided to the Contracting Regional Maintenance Center upon completion of the coating system installation. This information shall be retained for 3 years.

4.5.1 RECORD DECK MARKINGS: Before removal of deck coating systems, provide a record of existing periphery lines, exact locations, colors and dimensions on nonskid and deck gray deck coatings and markings on deck surfaces. Submit a copy to the Contracting Regional Maintenance Center and NAVSEA Technical Representative before starting pre-surface preparation.

4.5.2 Accomplish visual inspection of, but not limited to, the following systems as applicable prior to surface preparation and submit four legible copies to NAVSEA or designated representative, reporting conditions found: Control Station's (to include glass, wipers, and sprayer apparatus), Fueling Stations, Tail Guide Sheave Trunk,

Catapult Track, Hanger Door Track, Deck Elevator Coamings LSO, FRESNEL Lens, Lighting Fixtures, and fire fighting systems.

4.6 FORWARDING APPENDICES AND RETENTION OF RECORDS: After the project is completed, forward two copies of the completed Appendix forms to the TYCOM and Contracting Regional Maintenance Center as specified in Ref. 2.s, Section **634-7.10**.10. Records shall be maintained by the Contracting Regional Maintenance Center for a period of 3 years.

4.7 LOG OF EQUIPMENT & MATERIAL USED: Record equipment information and material used as required in Appendices 1A – 1H and 6.

4.8 ENVIRONMENTAL CONDITION READINGS: Environmental information on Appendices 1A-H shall be manually measured and recorded every **24** hours. Environmental readings shall be posted at the job site at all times, and an updated copy provided to the coating inspector and the Responsible Government Representative at each checkpoint for review. At each **24**-hour recording period the readings shall be reviewed to determine if the environmental conditions are suitable for continued coating system installation. Additionally, a data logger shall be used to continuously monitor environmental conditions (air temperature, % relative humidity, and dew point) from **just** prior to, **through** 48 hours after the application of a coat of paint IAW Ref. 2.c and NSTM 631, Sections 6, 7, and 8 and NSTM 634, **Section 7.4** (Environmental Conditions) (Ref. 2.s), **and NAVSEA Standard Item 009-32.**

4.8.1 ENVIRONMENTAL ENCLOSURES: The use of environmental enclosures and equipment (dehumidification and heating) to maintain proper environmental conditions is highly recommended. Their use will minimize the effects of inclement weather on nonskid application. Environmental enclosures and equipment will help to ensure correct coating system installation that will provide the intended service life. Maintaining environmental conditions using environmental enclosures and equipment will require a plan for movement and proper sequencing of the enclosure and equipment to maximize area coverage and efficiency for nonskid coating application.

NOTE: THE DEHUMIDFICATION EQUIPMENT IS CAPABLE OF PRODUCING A LARGE VOLUME OF AIR FLOW. CONTAMINATION OF THE SURFACE MAY BE POSSIBLE. ATTENTION TO POSSIBLE CONTAMINATION OF PREPARED SURFACES DUE TO PARTICULATE MATTER IN THE AIR INSIDE THE ENCLOSURE BEING DEPOSITED BY THE EQUIPMENT.

4.9 TEMPERATURES TO BE MAINTAINED FOR NONSKID COATING SYSTEMS: Immediately prior to application of each layer of the coating system substrate surface temperature shall be taken. Readings shall be taken in five randomly chosen locations on the layer within the space and the highest and lowest surface temperatures measured recorded in Appendices 1B-1H. Additionally, readings shall be taken in five randomly chosen locations on the layer within the space and the highest and lowest surface temperatures measured recorded prior to resuming application of a layer of the coating system when there has been a temporary work interruption. Application of the next layer of the coating system shall not commence (or recommence after a temporary work interruption) until all recorded surface temperature readings are within the required range as specified in Ref. 2.c and NSTM 631, Section 6.3 and Ref. 2.s, **Section 634-7.4** (Environmental Conditions), **and NAVSEA Standard Item 009-32**. If any reading is outside of the required range, the contractor must take additional action to control the temperature in the space and return the surface temperature readings to within the required range. Additional readings shall be taken a minimum of hourly until the readings are returned to within the required range. If inconsistencies between the acceptable ambient and surface temperature ranges in Ref. 2.c, NSTM 631, Section 6.3, and Ref. 2.s, **Section 634-7.4** (Environmental Conditions), **and NAVSEA Standard Item 009-32** exist, the more stringent requirements shall be followed. If required ambient and surface temperatures are not provided or are unclear, contact Responsible Contracting Authority for resolution.

5. <u>PRE-SURFACE PREPARATION</u>: (REFER TO CORE PPI EXCEPT FOR THE FOLLOWING)

5.4.4 Ship's Force shall verify that deck drains and counter measure washdown (CMW) nozzles are unobstructed prior to commencement of blasting in the nonskid installation area. An Unobstructed Flow Test on deck drains and counter measure washdown (CMW) nozzles shall be conducted to verify that deck drains and CMW nozzles are not blocked. Provide results of verification to Contracting Regional Maintenance Center.

6. <u>SURFACE PREPARATION</u>: (REFER TO CORE PPI EXCEPT FOR THE FOLLOWING)

NOTES: ENSURE DECK NOZZLES ARE PROPERLY COVERED IAW PARAGRAPH 4.10 OF CORE PPI PRIOR TO USING PROFILE PRODUCING EQUIPMENT.

TO LIMIT FLASH RUSTING AND EXCEEDING THE OVERCOAT WINDOWS OF THE NONSKID SYSTEMS, SURFACE PREPARATION AREA *SHALL* BE BROKEN DOWN INTO ZONES.

***CONTRACTING REGIONAL MAINTENANCE CENTER SHALL* DESIGNATE THE FOLLOWING SURFACE PREPARATION METHOD:**
1) FOR CLEANLINESS LEVEL OF SSPC-SP-12 WJ-2L-UHP WATER JETTING

6.3.2 For UHP water jetted areas a blow down is required; using dry, oil free compressed air, blow down all surfaces. Perform blotter test for oil and water IAW Ref. 2.r.

6.5 CHECKPOINT (Surface Preparation): Accomplish IAW Ref. 2.s, Section **634-7.10**, (Quality Assurance Checklist). The record shall show the extent of the inspection and detailed results. The degree of surface cleanliness shall be IAW the NACE/SSPC surface preparation standard specified; surface profile, soluble salt measurements, and adequacy of cleanup operations shall be recorded. The inspections shall be conducted to standardized acceptance criteria. Visual aids provided in Ref. 2.f, Ref. 2.g, or Ref. 2.h may be used to ensure quality standards are met. Enter data on all applicable Appendices.

6.5.1 (Surface Profile Measurements): Refer to the Core PPI with the addition of the following. No individual tape reading shall be less than 2.5 mils or greater than 7 mils.

6.5.5 HIDDEN CORROSION: Check underside of all aircraft securing fittings with a dental mirror, or similar instrument, to ensure that all corrosion has been removed IAW Ref. 2.s; **Section 634-7.5.3.6.**. (Steel Surfaces). Coatings and scale rust should be removed by needle gun or other method. Tightly adhered primer of previously applied coating may remain.

6.5.6 All tests and inspections noting unsatisfactory conditions shall result in the termination and rescheduling of the checkpoint. At rescheduled checkpoint, QA will document satisfactory corrective actions taken to correct the discrepancy.

6.5.7 In order to pass the checkpoint, Appendices 1, 3 and 5 shall be up to date and submitted to QA. QA shall sign in the appropriate areas on Appendix 5.

7. PAINTING REQUIREMENTS: (REFER TO CORE PPI EXCEPT FOR THE FOLLOWING)

NOTES: *CONTRACTING REGIONAL MAINTENANCE CENTER SHALL* DESIGNATE THAT EITHER A TYPE I COMPOSITION L OR G OR TYPE II COMPOSITION G (DEPENDING UPON DESIRED SERVICE LIFE) NONSKID SYSTEM BE APPLIED.

EITHER THE PRIMER COAT OR THE STRIPE COAT MAY BE APPLIED FIRST. THE *CONTRACTING REGIONAL MAINTENANCE CENTER* SHALL DETERMINE SEQUENCE.

TO PREVENT EXCEEDING THE OVERCOAT WINDOWS OF THE NONSKID SYSTEMS, *THE* NONSKID SYSTEM APPLICATION AREA *SHALL* BE BROKEN DOWN INTO ZONES.

TO MAINTAIN PROPER SURFACE CONDITIONS AFTER COMPLETION OF THE SURFACE PREPARATION CHECKPOINT METHODS SUCH AS USE OF DEHUMIDIFICATION EQUIPMENT, ENVIRONMENTAL ENCLOSURES, AND SURVEILLANCE/MONITORING OF THE PREPARED SURFACE SHOULD BE EMPLOYED. COATING APPLICATION *MUST* START WITHIN 4 HOURS AFTER SURFACE PREPARATION CHECKPOINT COMPLETION *AND ACCEPTANCE*. COATING APPLICATION *SHALL* BE CONTINUOUS THROUGH COMPLETION OF THE AREA TO BE COATED. IF COATING APPLICATION HAS NOT STARTED WITHIN 4 HOURS OF SURFACE PREPARATION CHECKPOINT COMPLETION THE SURFACE PREPARATION CHECKPOINT WITH THE EXCEPTION OF SURFACE PROFILE *MUST* BE REPEATED.

7.1 WET FILM MEASUREMENTS: During application, applicators shall monitor wet film thickness using wet film gauges IAW Ref. 2.s, **Section 634-7.6.7.5, and NAVSEA Standard Item 009-32.**

7.3 RE-COAT PERIODS: Applicator shall conform to manufacturer's minimum and maximum re-coat periods IAW Ref. 2.c and Ref. 2.s. If the recoat window is exceeded, procedures specified in the "NOTES" below shall be followed.

NOTES: IF APPLICATION OF NONSKID IS TO OCCUR BETWEEN 36 – 72 HOURS AFTER PRIMER APPLICATION, THE SURFACE SHALL BE WIPED WITH SOLVENT SPECIFIED BY COATING MANUFACTURER.

IF APPLICATION OF COMPOSITION G NONSKID IS TO OCCUR BETWEEN 3 – 7 DAYS AFTER PRIMER APPLICATION, THE FOLLOWING STEPS SHALL BE FOLLOWED:

- **SURFACE SHALL BE WIPED WITH SOLVENT SPECIFIED BY COATING MANUFACTURER,**
- **SURFACE SHALL BE LIGHTLY ABRADED,**
- **SURFACE SHALL BE SOLVENT WIPED AGAIN WITH SOLVENT SPECIFIED BY COATING MANUFACTURER,**
- **AN INTERMEDIATE COAT *SHALL BE APPLIED* AT 1 – 2 MILS DFT.**

IF THE 7-DAY OVERCOAT WINDOW OF THE PRIMER COAT HAS BEEN EXCEEDED FOR COMPOSITION G NONSKID, RE-PREPARATION OF THE SURFACE *SHALL BE ACCOMPLISHED* IAW SECTION 6 OF THIS DOCUMENT.

IF THE 72-HOUR OVERCOAT WINDOW OF THE PRIMER COAT HAS BEEN EXCEEDED FOR COMPOSITION L NONSKID, RE-PREPARATION OF THE SURFACE *SHALL BE ACCOMPLISHED* IAW SECTION 6 OF THIS DOCUMENT.

IF AN INTERMEDIATE COAT HAS BEEN APPLIED AND APPLICATION OF COMPOSITION G NONSKID IS TO OCCUR BETWEEN 36 – 72 HOURS AFTER 1ST INTERMEDIATE COAT APPLICATION, THE SURFACE SHALL BE WIPED WITH SOLVENT SPECIFIED BY COATING MANUFACTURER.

IF AN INTERMEDIATE COAT HAS BEEN APPLIED AND APPLICATION OF COMPOSITION G NONSKID IS TO OCCUR BETWEEN 3 – 7 DAYS AFTER 1ST INTERMEDIATE COAT APPLICATION, THE FOLLOWING STEPS SHALL BE FOLLOWED:

- **SURFACE SHALL BE WIPED WITH SOLVENT SPECIFIED BY COATING MANUFACTURER,**
- **SURFACE SHALL BE LIGHTLY ABRADED,**
- **SURFACE SHALL BE SOLVENT WIPED AGAIN WITH SOLVENT SPECIFIED BY COATING MANUFACTURER,**
- **2ND INTERMEDIATE COAT *SHALL BE APPLIED* AT 1 – 2 MILS DFT.**

IF THE 7-DAY OVERCOAT WINDOW OF THE 1ST INTERMEDIATE COAT HAS BEEN EXCEEDED FOR COMPOSITION G NONSKID, RE-PREPARATION OF THE SURFACE *SHALL BE ACCOMPLISHED* IAW SECTION 6 OF THIS DOCUMENT.

7.4 DRY PAINT FOR CHECKPOINTS: Paint shall be dry prior to all paint related checkpoints unless otherwise specified within this document. “Dry” shall be defined as fingernail hard.

NOTES: IF STRIPE COAT IS APPLIED FIRST, THE STRIPE COAT SHALL BE MINIMUM “DRY TO TOUCH”. (DRY TO TOUCH-“WHEN A FINGERTIP PRESSED LIGHTLY AGAINST THE COATING LEAVES A SLIGHT IMPRESSION IN THE COATING AND NO COATING IS VISIBLE ON THE FINGERTIP”).

IF STRIPE COAT IS APPLIED ON TOP OF PRIMER, *PARAMETERS FOR* THE OVERCOAT WINDOW OF THE PRIMER SHALL BE FOLLOWED IAW REF 2.C.

7.5 LOW OUT OF SPECIFICATION DRY FILM THICKNESS: Failure to meet minimum dry film thickness requirements shall result in application of an additional coat or coats of paint in deficient areas before the coat can pass the DFT checkpoint. See guidelines established in **NAVSEA Standard Item 009-32 for directio**n.

7.6 HIGH OUT OF SPECIFICATION DRY FILM THICKNESS: Excessive dry film thickness in a coat or cumulative coats shall be determined IAW the coating table appendix found in the individual PPIs. If excessive DFT is determined, the Contracting Regional Maintenance Center shall be contacted on how to proceed. See guidelines established in **NAVSEA Standard Item 009-32 for direction.**

7.7 RECEIPT INSPECTION OF COATING MATERIAL:

7.7.1 Receipt inspection of contractor-furnished nonskid shall be based on supplier performance history and one of the following: certificate of compliance or vendor material test certification data.

7.7.2 Receipt inspection of contractor-furnished MIL-PRF-24667 coatings (primer, stripe, intermediate) are the same requirements as specified under MIL-PRF-23236 in the CORE PPI paragraphs 7.7.2 and 7.7.3.

7.8 CHECKPOINT (Material Storage): Accomplish a visual inspection of material storage facilities 24 hours prior to material being mixed to verify the storage temperature is within the minimum and maximum range as specified IAW Ref. 2.c and NSTM 631, Section 6.3. If inconsistencies in temperatures exist, the more stringent guideline shall be followed. The material storage temperature shall be monitored and recorded once per shift for 24 hours prior to the material being used. Record measured temperatures in Appendices 1B-1H.

7.9 PAINT APPLICATION (Primer/Stripe Coats): The use of brush, rollers, single or plural component spray equipment is acceptable for application of the paint coat specified below. The use of a painter's mitt instead of a brush is acceptable for applying paint to the undersides of the tie-down fittings.

7.11 MIXING: PAINT AND NONSKID

7.11.1 (Paint): Mix each paint component in its individual container to disperse pigments and assure homogeneity. Combine and thoroughly mix epoxy components prior to use IAW Ref. 2.c and **NAVSEA Standard Item 009-32.** If inconsistencies exist in mixing instructions **with other documents, the NAVSEA Standard Item 009-32 guidelines shall be followed.**

7.11.2 (Nonskid): Mix each nonskid component thoroughly in its individual container to disperse pigments and assure homogeneity. Combine and thoroughly mix epoxy components prior to use IAW Ref. 2.c and Ref. 2.s, **Section 634-7.7.2.5, and NAVSEA Standard Item 009-32.** If inconsistencies exist in mixing instructions **with other documents, the NAVSEA Standard Item 009-32 guidelines shall be followed.**

NOTE: THE VORTEX MIXING PADDLE HAS BEEN DETERMINED TO BE THE BEST PADDLE FOR MIXING NONSKID AND ITS USE IS HIGHLY RECOMMENDED.

7.12.2 (Temperature): Verify paint and nonskid are within the mixing temperature range as specified IAW Ref. 2.c and Ref 2.s. If inconsistencies exist between the above documents, the more stringent guideline shall be followed. Record mixing temperatures in Appendices 1B-1H.

7.12.3 (Mixing): Verify paint and nonskid are mixed thoroughly prior to use IAW Ref. 2.s and Ref. 2.c. Record satisfactory completion in Appendix 5.

7.13 Monitor environmental conditions throughout nonskid coating system operations to ensure they meet requirements as specified in paragraphs 4.8 and 4.9. Record measurements in Appendices 1A-1H.

7.14 REPAIRS:

7.14.1 For failure of pre-existing nonskid systems, refer to Ref. 2.s, **NSTM 634, Section 634-7.10.**

7.14.2 Not Applicable to this PPI

7.14.3 Not Applicable to this PPI

8. PRIMER COAT APPLICATION: (REFER TO CORE PPI EXCEPT FOR THE FOLLOWING)

NOTE: IF STRIPE COAT IS APPLIED FIRST CHECK FOR EVIDENCE OF AMINE BLOOM SUCH AS DISCOLORATION OF PAINT COATING OR CLEAR OILY FILM. IF EVIDENCE OF AMINE BLOOM IS PRESENT PERFORM LOW-PRESSURE WATER WASH WITH DEIONIZED WATER OR WIPE SURFACES CLEAN USING DENATURED OR ISOPROPYL ALCOHOL/DEIONIZED WATER MIXTURE, OR WIPE SURFACES CLEAN USING APPROVED SOLVENT, OR SUPER HIGH FLASH NAPHTHA, UNLESS THERE IS A COMPATIBILITY ISSUE, IN WHICH COATING MANUFACTURER SHALL BE CONTACTED FOR RESOLUTION.

8.1 Apply primer coat specified in Appendix 8, IAW **NAVSEA Standard Item 009-32.** During application, immediately brush out any drips or puddles.

8.2 CHECKPOINT (Primer Coat): Verify primer coat is applied IAW Ref. 2.c, and Ref. 2.s, Section **634-7.13**.

8.2.1 (Holiday Inspection): Accomplish a visual holiday inspection of primer coat.

8.2.2 (Dry Film Thickness): Accomplish dry film thickness measurements IAW Ref. 2.b **and NAVSEA Standard Item 009-32.**

8.2.4 In order to pass the checkpoint, Appendices 1B, 4, 5, 6, and 7A shall be up to date and submitted to QA. QA shall sign in the appropriate areas on Appendix 5.

9. STRIPE COAT APPLICATION: (REFER TO CORE PPI EXCEPT FOR THE FOLLOWING)

9.2 If the primer coat is applied first check for evidence of Amine Bloom such as discoloration of paint coating or clear oily film. If evidence of Amine Bloom is present perform low-pressure water wash with deionized water or wipe surfaces clean using denatured or isopropyl alcohol/deionized water mixture, or wipe surfaces clean using approved solvent, or super high flash naphtha, unless there is a compatibility issue, in which coating manufacturer shall be contacted for resolution.

9.3 Apply Stripe Coat specified in Appendix 8, with typical paint equipment IAW **NAVSEA Standard Item 009-32.** Stripe coat by brush in areas not accessible by paint spray equipment. During application, immediately brush out any runs, drips, sags or puddles.

9.4 CHECKPOINT (Stripe Coat): Verify stripe coat is applied IAW Ref. 2.c and Ref. 2.s, **Section 634.7.13.**

9.4.3 In order to pass the checkpoint, Appendices 1C, 4, 5, 6**,** and 7A shall be up to date and submitted to QA. QA shall sign in the appropriate areas on Appendix 5.

10. 1ST INTERMEDIATE COAT APPLICATION (OPTIONAL): (REFER TO CORE PPI EXCEPT FOR THE FOLLOWING

NOTE: A SECOND COAT OF PRIMER (INTERMEDIATE COAT) IS NOT TO BE APPLIED IN COMPOSITION L NONSKID AREAS.

10.2 Check for evidence of Amine Bloom such as discoloration of paint coating or clear oily film. If evidence of Amine Bloom is present perform low-pressure water wash with deionized water or wipe surfaces clean using denatured or isopropyl alcohol/deionized water mixture, or wipe surfaces clean using approved solvent, or super high flash naphtha, unless there is a compatibility issue, in which coating manufacturer shall be contacted for resolution.

10.3 Apply 1ST intermediate Coat specified in Appendix 8, IAW **NAVSEA Standard Item 009-32.** During application, immediately brush out any drips or puddles.

10.4 CHECKPOINT (1ST Intermediate Coat): Verify 1ST intermediate coat is applied IAW Ref. 2.c, and Ref. 2.s, **Section 634.7.13**.

10.4.4 In order to pass the checkpoint, Appendices 1D, 4, 5, 6 and 7A shall be up to date and submitted to QA. QA shall sign in the appropriate areas on Appendix 5.

11. 2ND INTERMEDIATE COAT APPLICATION (if applicable): (REFER TO *SECTION 10* OF CORE PPI EXCEPT FOR THE FOLLOWING)

11.1 CHECKPOINT (Test for Assessment of Surface Cleanliness): Immediately prior to 2ND intermediate coat application the 1st intermediate coat surface will be checked for dust IAW CORE PPI. Record results in Appendix 5 from the core PPI. (This check is not required when the 1st intermediate coat is required to be tacky for 2nd intermediate coat application.)

NOTE: APPLICATION OF 2ND INTERMEDIATE COAT IS REQUIRED WHEN THE FOLLOWING CONDITIONS OCCUR:

- **THE 72-HOUR OVERCOAT WINDOW OF THE 1ST INTERMEDIATE COAT HAS BEEN EXCEEDED FOR COMPOSITION G NONSKID.**
- **THE SUBSTRATE SURFACE PROFILE IN A COMPOSITION G NONSKID AREA IS GREATER THAN 4.5 MILS.**

11.2 Check for evidence of Amine Bloom such as discoloration of paint coating or clear oily film. If evidence of Amine Bloom is present perform low-pressure water wash with deionized water or wipe surfaces clean using denatured or isopropyl alcohol/deionized water mixture, or wipe surfaces clean using approved solvent, or super high flash naphtha, unless there is a compatibility issue, in which coating manufacturer shall be contacted for resolution.

11.3 Apply 2ND intermediate Coat specified in Appendix 8, **NAVSEA Standard Item 009-32.** During application, immediately brush out any drips or puddles.

11.4 **CHECKPOINT (2ND Intermediate Coat):** Verify 2ND intermediate coat is applied IAW Ref. 2.c, and Ref. 2.s, **Section 634.7.13.**

11.4.3 In order to pass the checkpoint, Appendices 1E, 4, 5, 6, and 7A shall be up to date and submitted to QA. QA shall sign in the appropriate areas on Appendix 5.

12. NONSKID APPLICATION:

NOTE: "COSMETIC" COLOR TOPPING IS NOT ALLOWED TO BE APPLIED ON TOP OF NONSKID IN LANDING AREAS.

12.1 CHECKPOINT (Test for Assessment of Surface Cleanliness): Immediately prior to nonskid application the intermediate coat surface shall be checked for dust IAW ref 2.k. The Dust rating shall be no greater than Rating 2, Class 2. 3 individual readings shall be taken for every 100 ft^2 for the first 500 ft^2; if the readings are satisfactory, 1 individual reading per 1000 ft^2 remaining shall be taken. Document readings on Appendix 5 from the core PPI.

12.2 Check for evidence of Amine Bloom such as discoloration of paint coating or clear oily film. If evidence of Amine Bloom is present perform low-pressure water wash with deionized water or wipe surfaces clean using ethanol/deionized water mixture or wipe surfaces clean using approved solvent Super High Flash Naphtha, unless there is a compatibility issue, in which coating manufacturer shall be contacted for resolution.

12.3 Apply nonskid specified in Appendix 8, IAW **NAVSEA Standard Item 009-32.**

12.4 CHECKPOINT (Nonskid): Verify nonskid is applied IAW Ref. 2.c, and Ref. 2.s, **Section 634.7.13.**

12.4.1 (Holiday Inspection): Accomplish a visual holiday inspection of nonskid coat.

12.4.2 All tests and inspections noting unsatisfactory conditions shall result in the termination and rescheduling of the checkpoint. At rescheduled checkpoint, QA shall document satisfactory corrective actions taken to correct discrepancy.

12.4.3 In order to pass the checkpoint, Appendices 1F, 5 and 6 shall be up to date and submitted to QA. QA shall sign in the appropriate areas on Appendix 5.

12.5 Remove all masking material as soon as practical following nonskid application.

13. TOPCOAT DECK GRAY APPLICATION (*i.e. NOT COSMETIC COLOR TOPPING*):

NOTE: TO PERIPHERAL DECK EDGING AND AREAS NOT RECEIVING NONSKID APPLY A MIL-PRF-24635C QUALIFIED SILICON ALKYD TOPCOAT MATCHING THE COLOR DECK GRAY (FED-STD-595 NO. 26008) OR THE MANUFACTURER'S DECK GRAY COLOR TOPPING MAY BE SUBSTITUTED FOR MIL-PRF-24635.

13.1 CHECKPOINT (Test for Assessment of Surface Cleanliness): Immediately prior to topcoat deck gray application the intermediate coat surface shall be checked for dust IAW ref 2.k. The Dust rating shall be no greater than Rating 2, Class 2. 3 individual readings shall be taken for every 100 ft^2 for the first 500 ft^2; if the readings are satisfactory, 1 individual reading per 1000 ft^2 remaining shall be taken. Document readings on Appendix 5 from the core PPI. (This check is not required when the intermediate coat is required to be tacky for topcoat deck gray application.)

13.2 Check for evidence of Amine Bloom such as discoloration of paint coating or clear oily film. If evidence of Amine Bloom is present perform low-pressure water wash with deionized water or wipe surfaces clean using denatured or isopropyl alcohol/deionized water mixture, or wipe surfaces clean using approved solvent, or super high flash naphtha, unless there is a compatibility issue, in which coating manufacturer shall be contacted for resolution.

13.3 Apply topcoat specified in Appendix 8, IAW **NAVSEA Standard Item 009-32.** During application, immediately brush out any drips or puddles.

13.4 CHECKPOINT (Topcoat): Verify topcoat is applied IAW Ref. 2.c, and Ref. 2.s, **Section 634.7.13.**

13.4.1 (Holiday Inspection): Accomplish a visual holiday inspection of topcoat.

13.4.2 Dry Film Thickness): Accomplish dry film thickness measurements IAW Ref. 2.b **and NAVSEA Standard Item 009-32.**

13.4.3 All tests and inspections noting unsatisfactory conditions shall result in the termination and rescheduling of the checkpoint. At rescheduled checkpoint, QA shall document satisfactory corrective actions taken to correct discrepancy.

13.4.4 In order to pass the checkpoint, Appendices 1G, 4, 5, 6, and 7A shall be up to date and submitted to QA. QA shall sign in the appropriate areas on Appendix 5.

14. LAYOUT OF MARKING:

14.1 Layout deck marking IAW Ref. 2.t and as designated by the NAVAL Air Engineering Representative via the Contracting Regional Maintenance Center.

14.2 CHECKPOINT (Marking Layout): Accomplish layout inspection with the NAWC Representative. Notify the Contracting Regional Maintenance Center a minimum of 24 hours, but not more than 2 working days prior to the lay out inspection.

15. COLOR TOPPING APPLICATION:

15.1 CHECKPOINT (Test for Assessment of Surface Cleanliness): Immediately prior to color topping application the nonskid surface will be visually checked for dust and debris.

15.2 Check for evidence of Amine Bloom such as discoloration of paint coating or clear oily film. If evidence of Amine Bloom is present perform low-pressure water wash with deionized water or wipe surfaces clean using denatured or isopropyl alcohol/deionized water mixture, or wipe surfaces clean using approved solvent, or super high flash naphtha, unless there is a compatibility issue, in which coating manufacturer shall be contacted for resolution.

15.3 Apply LSA Color Topping specified in Appendix 8, IAW **NAVSEA Standard Item 009-32.** During application, immediately brush out any drips or puddles.

15.4 CHECKPOINT (Color Topping): Verify color topping is applied IAW Ref. 2.c, and Ref. 2.s, **Section 634.7.13.**

15.4.1 (Holiday Inspection): Accomplish a visual holiday inspection of color topping.

15.4.2 All tests and inspections noting unsatisfactory conditions shall result in the termination and rescheduling of the checkpoint. At rescheduled checkpoint, QA shall document satisfactory corrective actions taken to correct discrepancy.

15.4.3 In order to pass the checkpoint, Appendices 1H, 5, and 6 shall be up to date and submitted to QA. QA shall sign in the appropriate areas on Appendix 5.

15.5 Remove all masking material as soon as practical following color topping installation.

16. FINAL INSPECTION: (REFER TO SECTION 13 OF CORE PPI EXCEPT FOR THE FOLLOWING)

16.1 CHECKPOINT (Finished Painted Surfaces):

16.1.1 (Holiday Inspection): Perform a visual holiday check on finish coat system. Any holiday found shall be touched up.

16.1.2 (Dry Film Thickness): For steel surfaces **adjacent to the nonskid that have had paint installed with the nonskid installation** perform dry film thickness measurements IAW Ref. 2.b and **NAVSEA Standard Item 009-32** . For a non-ferrous substrate (aluminum) constant pressure eddy current gages (electromagnetic induction), similar to SSPC-PA2 Type 2 gages, are to be used. Perform dry film thickness measurements in accordance with **NAVSEA Standard Item 009-32**.

16.1.3 Coating imperfections found, which may cause premature coating failure, shall be corrected before the nonskid system is accepted. Slight imperfections in the coating system are allowable, as long as dry film thickness conforms to SSPC-PA2, and shall not result in premature failure of the coating in the immediate vicinity of the imperfection. Such slight imperfections shall be left intact, as trying to correct them could result in damage to the surrounding coating system.

16.1.4 (Flow Test): Conduct Unobstructed Flow Test on deck drains and counter measure washdown (CMW) nozzles in the area of the current nonskid installation. Document and submit four legible copies of a report to Contracting Regional Maintenance Center listing quantity and location of each drain and nozzle tested that is blocked or damaged. (CMW nozzles test may be conducted using water or 90 PSIG compressed air).

16.1.4.1 Repair and repeat test to contaminated or damaged deck drains and counter measure washdown nozzles that were previously stated to be unobstructed from paragraph 5.4.4.

16.1.5 In order to pass the checkpoint, any Appendices required by the certified coating inspector shall be up to date or completed and submitted to QA. QA shall update Appendix 5. All test inspections noting unsatisfactory conditions shall be corrected.

APPENDIX 1A

SURFACE PREPARATION

Ship Name and Hull Number: _____
Location (including frame numbers): _____
Area (square feet): _____
Nonskid Applicator: _____
Date: _____
Inspector: _____
Time: _____
Pre-Inspection Comments: _____

_____
Degreasing Method Used and Type: _____

Time	Air Temp	Relative Humidity	Deck Temp	Dew Point	Inspector
Start					
Stop					

Deck Cleanliness: SSPC-SP 12 WJ-2L
Deck Profile Average: _____
Conductivity Readings Average: _____
Comments: _____

_____
Signature of Inspector: _____ Date: _____
Signature of Quality Assurance Officer: _____ Date: _____

APPENDIX 1B

PRIMER COAT APPLICATION

Ship Name and Hull Number: _____
Location (including frame numbers): _____
Date: _____
Inspector: _____
Time: _____
Pre-Inspection Comments: _____

_____
Number of Hours Deck Uncovered: _____
Brush Blast Performed? Yes / No:
Primer Coat Manufacturer: _____
Product Name: _____
Batch Number: _____
Storage Temperature: _____
Induction Time: _____
Expiration Date: _____

Time	Air Temp	Relative Humidity	Surface Temp	Dew Point	Inspector	Primer Coat Mixing Temp
Start						
Stop						

Application Method: Airless Spray, Conventional Spray, Rolled, Painters Gloves or Brushed
Wet Film Thickness (WFT) Average: _____
Comments: _____

_____
Signature of Inspector: _____ Date: _____
Signature of Quality Assurance Officer: _____ Date: _____

APPENDIX 1C

STRIPE COAT APPLICATION

Ship Name and Hull Number: _____
Location (including frame numbers): _____
Date: _____
Inspector: _____
Time: _____
Pre-Inspection Comments: _____

_____
Number of Hours Since Primer Coat Applied: _____
Stripe Coat Manufacturer: _____
Product Name: _____
Batch Number: _____
Storage Temperature: _____
Induction Time: _____
Expiration Date: _____

Time	Air Temp	Relative Humidity	Surface Temp	Dew Point	Inspector	Stripe Coat Mixing Temp
Start						
Stop						

Application Method: Airless Spray, Conventional Spray, Rolled, Painters Gloves or Brushed
Wet Film Thickness (WFT) Average: _____
Comments: _____

_____
Signature of Inspector: _____ Date: _____
Signature of Quality Assurance Officer: _____ Date: _____

APPENDIX 1D

INTERMEDIATE COAT APPLICATION (OPTIONAL)

Ship Name and Hull Number: _____
Location (including frame numbers): _____
Date: _____
Inspector: _____
Time: _____
Pre-Inspection Comments: _____

_____
Number of Hours Since Previous Coat Applied: _____
Intermediate Coat Manufacturer: _____
Product Name: _____
Batch Number: _____
Storage Temperature: _____
Induction Time: _____
Expiration Date: _____

Time	Air Temp	Relative Humidity	Surface Temp	Dew Point	Inspector	Intermediate Coat Mixing Temp
Start						
Stop						

Application Method: Airless Spray, Conventional Spray, Rolled Painters Gloves or Brushed
Wet Film Thickness (WFT) Average: _____
Comments: _____

_____
Signature of Inspector: _____ Date: _____
Signature of Quality Assurance Officer: _____ Date: _____

APPENDIX 1E

2ND INTERMEDIATE COAT APPLICATION (IF APPLICABLE)

Ship Name and Hull Number: _____
Location (including frame numbers): _____
Date: _____
Inspector: _____
Time: _____
Pre-Inspection Comments: _____

_____
Number of Hours Since Previous Coat Applied: _____
Intermediate Coat Manufacturer: _____
Product Name: _____
Batch Number: _____
Storage Temperature: _____
Induction Time: _____
Expiration Date: _____

Time	Air Temp	Relative Humidity	Surface Temp	Dew Point	Inspector	2nd Intermediate Coat Mixing Temp
Start						
Stop						

Application Method: Airless Spray, Conventional Spray, Rolled, Painters Gloves or Brushed
Wet Film Thickness (WFT) Average: _____
Comments: _____

_____
Signature of Inspector: _____ Date: _____
Signature of Quality Assurance Officer: _____ Date: _____

APPENDIX 1F

NONSKID APPLICATION

Ship Name and Hull Number: _____
Location (including frame numbers): _____
Date: _____
Inspector: _____
Time: _____
Pre-Inspection Comments: _____

_____
Primer Dry Film Thickness (DFT): _____
Number of Hours Since Previous Coat Applied: _____
Nonskid Coat Manufacturer: _____
Product Name: _____
Batch Number: _____
Storage Temperature: _____
Induction Time: _____
Expiration Date: _____

Time	Air Temp	Relative Humidity	Surface Temp	Dew Point	Inspector	Nonskid Mixing Temp	Nonskid Mixing Duration
Start							
Stop							

Application Method: Rolled, Trowelled, Sprayed
Spread Rate (sq. ft/gal): _____
Trowel Size, if Applicable: _____
Comments: _____

_____
Signature of Inspector: _____ Date: _____
Signature of Quality Assurance Officer: _____ Date: _____

APPENDIX 1G

TOPCOAT DECK GRAY APPLICATION

Ship Name and Hull Number: _____
Location (including frame numbers): _____
Date: _____
Inspector: _____
Time: _____
Pre-Inspection Comments: _____

_____
Number of Hours Since Previous Coat Applied: _____
Topcoat Manufacturer: _____
Product Name: _____
Batch Number: _____
Storage Temperature: _____
Induction Time: _____
Expiration Date: _____

Time	Air Temp	Relative Humidity	Surface Temp	Dew Point	Inspector	Topcoat Deck Gray Mixing Temp
Start						
Stop						

Application Method: Airless Spray, Conventional Spray, Rolled, Painters Gloves or Brushed
Wet Film Thickness (WFT) Average: _____
Comments: _____

_____
Signature of Inspector: _____ Date: _____
Signature of Quality Assurance Officer: _____ Date: _____

APPENDIX 1H

COLOR TOPPING APPLICATION

Ship Name and Hull Number: _____
Location (including frame numbers): _____
Date: _____
Inspector: _____
Time: _____
Pre-Inspection Comments: _____

_____
Number of Hours Since Nonskid Applied: _____
Color Topping Coat Manufacturer: _____
Product Name: _____
Batch Number: _____
Storage Temperature: _____
Induction Time: _____
Expiration Date: _____

Time	Air Temp	Relative Humidity	Surface Temp	Dew Point	Inspector	Color Topping Mixing Temp
Start						
Stop						

Application Method: Airless Spray, Conventional Spray, Rolled or Brushed
Comments: _____

_____
Signature of Inspector: _____ Date: _____
Signature of Quality Assurance Officer: _____ Date: _____

APPENDIX 5

CHECKPOINTS & MILESTONES COMPLETION & SIGN OFF LOG

SHIP: _____ JOB ORDER: _____ DATE: _____
LOCATION: _____ WORK ITEM: _____ PARA. NO.: _____
PRODUCT BEING APPLIED: _____

MAINTAIN SEPARATE LOG FOR EACH AREA/LOCATION, PREPARED OR PAINTED SURFACE. WHEN AN AREA IS DIVIDED INTO SEPARATE SECTIONS MAINTAIN A SEPARATE LOG FOR EACH SECTION.

ACTIVITY	TIME	DATE
Date Pre-Surface Preparation and Cleaning Begins Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Pre-Surface Preparation and Cleaning Checkpoint --Date of Visual and UV Light or Water-Break Inspection Check --Date of Structural and Pre-Surface Conditioning (ensuring de-burring and grinding) Check --Date of Contamination Containment and Masking Check --Date of Ship's Force check of deck drains and counter measure washdown nozzles Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Surface Preparation Begins Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Surface Preparation Checkpoint --Date of Surface Profile Measurement Check --Date of Soluble Salt Measurement Check --Date of Environmental Check --Date of Contamination Containment and Masking Check --Date of Inspection of Prepared area (ensuring all areas are properly prepared) Check --Date of Inspection of area cleanliness prior to primer coat application Check Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Material (Paint and Nonskid) Storage Area Inspected Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Paint and Nonskid Mixing Inspected --Date of Shelf Life Check --Date of Temperature Check --Date of Mixing Check Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Prime Coat is Applied Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		

APPENDIX 5 (CONTINUED)

CHECKPOINTS & MILESTONES COMPLETION LOG

SHIP: _____ **JOB ORDER:** _____ **DATE:** _____
LOCATION: _____ **WORK ITEM:** _____ **PARA. NO.:** _____
PRODUCT BEING APPLIED: _____

MAINTAIN SEPARATE LOG FOR EACH AREA/LOCATION, PREPARED OR PAINTED SURFACE. WHEN AN AREA IS DIVIDED INTO SEPARATE SECTIONS MAINTAIN A SEPARATE LOG FOR EACH SECTION.

ACTIVITY	TIME	DATE
Date of Prime Coat Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Surface Cleanliness Inspection Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Amine Bloom Inspection Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Stripe Coat Applied Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Stripe Coat Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Surface Cleanliness Inspection Checkpoint (if applicable) Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Amine Bloom Inspection Checkpoint (if applicable) Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date 1st Intermediate Coat (Optional) Applied Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of 1st Intermediate Coat Checkpoint (Optional) Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		

APPENDIX 5 (CONTINUED)

CHECKPOINTS & MILESTONES COMPLETION LOG

SHIP: _____JOB ORDER: _____ DATE: _____
LOCATION: _____WORK ITEM: _____ PARA. NO.: _____
PRODUCT BEING APPLIED: _____

MAINTAIN SEPARATE LOG FOR EACH AREA/LOCATION, PREPARED OR PAINTED SURFACE. WHEN AN AREA IS DIVIDED INTO SEPARATE SECTIONS MAINTAIN A SEPARATE LOG FOR EACH SECTION.

ACTIVITY	TIME	DATE
Date of Surface Cleanliness Inspection Checkpoint (if applicable) Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Amine Bloom Inspection Checkpoint (if applicable) Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date 2ND Intermediate Coat (if applicable) Applied Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of 2ND Intermediate Coat Checkpoint (if applicable) Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Surface Cleanliness Inspection Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Amine Bloom Inspection Checkpoint (if applicable) Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Nonskid Applied Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Nonskid Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Surface Cleanliness Inspection Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		

APPENDIX 5 (CONTINUED)

CHECKPOINTS & MILESTONES COMPLETION LOG

SHIP: _____JOB ORDER: _____ DATE: _____
LOCATION: _____WORK ITEM: _____ PARA. NO.: _____
PRODUCT BEING APPLIED: _____

MAINTAIN SEPARATE LOG FOR EACH AREA/LOCATION, PREPARED OR PAINTED SURFACE. WHEN AN AREA IS DIVIDED INTO SEPARATE SECTIONS MAINTAIN A SEPARATE LOG FOR EACH SECTION.

ACTIVITY	TIME	DATE
Date of Amine Bloom Inspection Checkpoint (if applicable) Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Topcoat Applied Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Topcoat Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Marking Layout Begins Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Marking Layout Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Surface Cleanliness Inspection Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Amine Bloom Inspection Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date Color Topping Applied Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Color Topping Checkpoint Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		
Date of Finished Painted/Coated Surfaces Checkpoint --Flow Test Implementing Contractor (Print/ Signature): _____ Certified Inspector (Print): _____ Certified Inspector (Signature): _____ NACE Session I Certification ☐ NBPI Certification ☐ Inspector #: _____ Certification Expiration Date: _____		

APPENDIX 6

PAINT APPLICATION EQUIPMENT AND PAINT CONSUMPTION LOG

SHIP: _____ JOB ORDER: _____ DATE: _____

LOCATION: _____WORK ITEM: _____ PARA. NO.: _____

PRODUCT BEING APPLIED: _____

MAINTAIN SEPARATE LOG FOR EACH AREA/LOCATION, PREPARED OR PAINTED SURFACE. WHEN AN AREA IS DIVIDED INTO SEPARATE SECTIONS MAINTAIN A SEPARATE LOG FOR EACH SECTION.

		Primer Coat	Stripe Coat	1ST Intermediate Coat (Optional)	2ND Intermediate Coat (If Applicable)	Non-skid	Top-coat	Color Topping
Airless Paint Hose Size								
Airless Paint Hose Length								
Airless Tip Orifice Diameter / Fan Width								
Airless Pump Used & Model	Plural Airless							
	Conventional Airless							
Airless Pump Ratio If plural component: Fixed ☐ or Variable ☐								
If Using Inline Heater Temperature in Fº (Fahrenheit)	Temperature Setting At Heater							
	Temperature At Tip							
Product Applied								
Product Manufacturer								
Expiration Date								
Color Applied								
Product VOC								
Base Portion Batch № (Part A)								
Hardener Portion Batch № (Part B)								
Gallons Used per Coat								
Square Feet Painted								

APPENDIX 7A

QA INSPECTION FORM - WET FILM THICKNESS MEASUREMENTS

SHIP: _____ **LOCATION: _____**	**DATE: _____**
PRODUCT BEING APPLIED: _____	

MAINTAIN SEPARATE LOG FOR EACH AREA / LOCATION, PREPARED OR PAINTED SURFACE, WHEN AN AREA IS DIVIDED INTO SEPARATE SECTIONS MAINTAIN A SEPARATE LOG FOR EACH SECTION

Indicate Coating System Seq.						
1	Primer Coat:				Topcoat Deck Gray:	
	Stripe Coat:					
	1ST Intermediate Coat: **(Optional)**					
	2ND Intermediate Coat (If Applicable):					

WFT Measurement Number	Location of Readings	WFT Measurement IAW ASTM D 4414
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		

Implementing Contractor (Print): _____

Implementing Contractor (Signature): _____

APPENDIX 8

COATING SYSTEMS, TYPE I COMPOSITION L[1]

LANDING AREAS
(HOOK IMPACT AREA & CABLE RUNOUT AREA)

	NONSKID AREA		AREAS ADJACENT TO NONSKID	
	Product Name (ITW American Safety Technologies)	**DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal**	**Product Name (ITW American Safety Technologies)**	**DFT Mils**
Primer	MS 7CZ	4 – 6	MS 7CZ	4 – 6
Stripe	MS 7CZ	4 – 6	MS 7CZ	4 – 6
1st Intermediate (optional)	MS 7CZ	4 – 6	MS 7CZ	4 – 6
2nd Intermediate (if applicable)	MS 7CZ	1 - 2	MS 7CZ	1 - 2
Nonskid	MS-400 L or MS 400-100 L	23 – 28	N/A	
Deck Gray LSA	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3
Color Topping	MS-200	2.3.5	N/A	

(a) To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range Per MIL-PRF-24667

Type I (G & L) Nonskid Topcoat
20-30 ft^2/gal

[1] Comp L nonskid can be used in place of Comp G nonskid outside the landing areas (with TYCOM approval).

APPENDIX 8 (CONTINUED)

COATING SYSTEMS, TYPE I COMPOSITION G

HANGER DECK, FLIGHT DECK PARKING AREAS, AIRCRAFT ELEVATORS, HELOPADS, VERTICAL REPLENISHMENT AREAS, EXTERIOR PASSAGEWAYS, WEATHER DECKS, INTERIOR METAL DECKS

	NONSKID AREA		AREAS ADJACENT TO NONSKID		NONSKID AREA		AREAS ADJACENT TO NONSKID	
	Product Name (ITW American Safety Technologies)	DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal	Product Name (ITW American Safety Technologies)	DFT Mils	Product Name (Ameron International)	DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal	Product Name (Ameron International)	DFT Mils
Primer	MS-7CZ	4 – 6	MS 7CZ	4 – 6	Amercoat 137	4 – 6	Amercoat 137	4 – 6
Stripe	MS-7CZ	4 – 6	MS 7CZ	4 – 6	Amercoat 137	4 – 6	Amercoat 137	4 – 6
1ST Intermediate (optional)	MS 7CZ	4 – 6	MS 7CZ	4 – 6	Amercoat 137	4 – 6	Amercoat 137	4 – 6
2ND Intermediate (if applicable)	MS-7CZ	1 – 2	MS 7CZ	1 – 2	Amercoat 137	1 – 2	Amercoat 137	1 – 2
Nonskid	MS-400G or MS 400 G LSA or MS 400-100 G or MS 4100 G LW or MS-440G or MS-660G	23 – 28 23 – 28 23 – 28 23 – 28 24 – 29 25 – 30	N/A		Amercoat 138 G	25 – 30	N/A	
Deck Gray LSA	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3
Color Topping	MS-200	2.3.5	N/A		Amercoat 929	1.5 - 3	N/A	

(a) To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range per MIL-PRF-24667

Type I (G & L) Nonskid Topcoat
20-30 ft^2/gal

APPENDIX 8 (CONTINUED)

COATING SYSTEMS, TYPE II COMPOSITION G

WEATHER DECKS, EXTERIOR PASSAGEWAYS, INTERIOR METAL DECKS

ITW American Safety Technologies	NONSKID AREA		AREAS ADJACENT TO NONSKID	
	Product Name	DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal	Product Name	DFT Mils
Primer	MS-7CZ	4 – 6	MS-7CZ	4 – 6
Stripe	MS-7CZ	4 – 6	MS-7CZ	4 – 6
1ST Intermediate (optional)	MS-7CZ	4 – 6	MS-7CZ	4 – 6
2ND Intermediate (if applicable)	MS-7CZ	1 – 2	MS-7CZ	1 – 2
Nonskid	MS-375G or MS-440G or MS-660G	27 – 33 25 – 30 24 – 29	N/A	
Deck Gray LSA	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3
Color Topping	MS-200	2.3.5	N/A	

(a) To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range per MIL-PRF-24667

Type II (G & L) Nonskid Topcoat (rolled)
25-35 ft^2/gal

APPENDIX 8 (CONTINUED)

COATING SYSTEMS, TYPE II COMPOSITION G

WEATHER DECKS, EXTERIOR PASSAGEWAYS, INTERIOR METAL DECKS

	NONSKID AREA		AREAS ADJACENT TO NONSKID	
	Product Name (Ameron International)	**DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal**	**Product Name (Ameron International)**	**DFT Mils**
Primer	Amercoat 137	4 – 6	Amercoat 137	4 – 6
Stripe	Amercoat 137	4 – 6	Amercoat 137	4 – 6
1ST Intermediate (optional)	Amercoat 137	4 – 6	Amercoat 137	4 – 6
2ND Intermediate (if applicable)	Amercoat 137	1 – 2	Amercoat 137	1 – 2
Nonskid	Amercoat 138 G	25 – 35	N/A	
Deck Gray LSA	N/A		MIL-PRF-24635 (# 26008) (b)	2 – 3
Color Topping	Amercoat 929	1.5 - 3	N/A	

(b) To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range Per MIL-PRF-24667

Type II (G & L) Nonskid Topcoat (rolled)
25-35 ft^2/gal

COATING SYSTEMS, TYPE V COMPOSITION L[1]

LANDING AREAS
(HOOK IMPACT AREA & CABLE RUNOUT AREA)

International Paint	NONSKID AREA		AREAS ADJACENT TO NONSKID	
	Product Name	DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal	Product Name	DFT Mils
Primer	Intershield 456	4 – 7	Intershield 456	4 – 7
Stripe	Intershield 456	4 – 7	Intershield 456	4 – 7
1st Intermediate (optional)	Intershield 456	4 – 7	Intershield 456	4 – 7
2nd Intermediate (if applicable)	Intershield 456	1 – 2	Intershield 456	1 – 2
Nonskid	Intershield 6LV	20 – 30	N/A	
Deck Gray LSA	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3
Color Topping	Interthane 990HS or Interthane 990	2 - 3	N/A	

(a) To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range per MIL-PRF-24667

Type V (G & L) Nonskid Topcoat
20-30 ft^2/gal

[1] Comp L nonskid can be used in place of Comp G nonskid outside the landing areas (with TYCOM approval).

COATING SYSTEMS, TYPE V COMPOSITION G

HANGER DECK, FLIGHT DECK PARKING AREAS, AIRCRAFT ELEVATORS, HELOPADS, VERTICAL REPLENISHMENT AREAS, EXTERIOR PASSAGEWAYS, WEATHER DECKS, INTERIOR METAL DECKS

	NONSKID AREA		AREAS ADJACENT TO NONSKID		NONSKID AREA		AREAS ADJACENT TO NONSKID	
	Product Name (ITW American Safety Technologies)	**DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal**	**Product Name (ITW American Safety Technologies)**	**DFT Mils**	**Product Name**	**DFT Mils /Manf Optimum Nonskid Spread Rate ft^2/gal**	**Product Name**	**DFT Mils**
Primer	MS-8 CZ or MS-9CZ	2-8	MS	4 – 6	Intershield 456	4 – 7	Intershield 456	4 – 7
Stripe	MS-8 CZ or MS-9CZ	2–8	MS	4 – 6	Intershield 456	4 – 7	Intershield 456	4 – 7
1ST Intermediate (optional)	MS-8 CZ or MS-9CZ	2-8	MS	4 – 6	Intershield 456	4 – 7	Intershield 456	4 – 7
2ND Intermediate (if applicable)	MS-8 CZ or MS-9CZ	1 – 2	MS	1 – 2	Intershield 456	1 – 2	Intershield 456	1 – 2
Nonskid	MS 5000G MS 5101G	20-30 20-30	N/A		Intershield 6GV	20–30	N/A	
Deck Gray LSA	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3
Color Topping	MS-200, MS 190, or MS-275	2-3.5 2-3 1.25-5	N/A		Interthane 990HS or Interthane 990	2-3	N/A	

To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range per MIL-PRF-24667

Type V (G & L) Nonskid Topcoat
20-30 ft^2/gal

APPENDIX 8 (CONTINUED)

COATING SYSTEMS, TYPE VI COMPOSITION G

HANGER DECK, FLIGHT DECK, HELO PADS, VERTICAL LAUNCH SYSTEM DECK, VERTICAL REPLENISHMENT AREAS, WEATHER DECKS, EXTERIOR PASSAGEWAYS, INTERIOR METAL DECKS

	NONSKID AREA		AREAS ADJACENT TO NONSKID	
	Product Name (ITW American Safety Technologies)	DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal	Product Name (ITW American Safety Technologies)	DFT Mils
Primer	MS-8 CZ or MS-9CZ	2-8	MS-8 CZ or MS-9CZ	4 – 6
Stripe	MS-8 CZ or MS-9CZ	2–8	MS-8 CZ or MS-9CZ	4 – 6
1ST Intermediate (optional)	MS-8 CZ or MS-9CZ	2-8	MS-8 CZ or MS-9CZ	4 – 6
2ND Intermediate (if applicable)	MS-8 CZ or MS-9CZ	1 – 2	MS-8 CZ or MS-9CZ	1 – 2
Nonskid	MS 6000G MS 6101G	20-30 20-30	N/A	
Deck Gray LSA	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3
Color Topping	MS-200, MS 190, or MS-275	2-3.5 2-3 1.25-5	N/A	

(a) To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range per MIL-PRF-24667

Type VI (G & L) Nonskid Topcoat
20-30 ft^2/gal

COATING SYSTEMS, TYPE VIII COMPOSITION L[1]

LANDING AREAS
(HOOK IMPACT AREA & CABLE RUNOUT AREA)

NONSKID AREA		AREAS ADJACENT TO NONSKID	
Product Name (International)	**DFT Mils / Manf Optimum Nonskid Spread Rate ft²/gal**	**Product Name (International)**	**DFT Mils**
Intershield 486	6 – 8	Intershield 486	6 – 8
Intershield 486	6 – 8	Intershield 486	6 – 8
Intershield 486	6 – 8	Intershield 486	6 – 8
Intershield 486	1 – 2	Intershield 486	1 – 2
International 9L UV/LSA	20 – 30	N/A	
N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3
Interthane 990HS or Interthane 990	2 - 3	N/A	

(a) To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range per MIL-PRF-24667

Type V III (G & L) Nonskid Topcoat
20-30 ft²/gal

[1] Comp L nonskid can be used in place of Comp G nonskid outside the landing areas (with TYCOM approval).

APPENDIX 8 (CONTINUED)

COATING SYSTEMS, TYPE VIII COMPOSITION G

WEATHER DECKS, EXTERIOR PASSAGEWAY DECKS, INTERIOR METAL DECKS

	NONSKID AREA		AREAS ADJACENT TO NONSKID		NONSKID AREA		AREAS ADJACENT TO NONSKID	
	Product Name (ITW American Safety Technologies)	**DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal**	**Product Name (ITW American Safety Technologies)**	**DFT Mils**	**Product Name (International)**	**DFT Mils / Manf Optimum Nonskid Spread Rate ft^2/gal**	**Product Name (International)**	**DFT Mils**
Primer	MS-11CZ	2 – 9.5	MS 7CZ	4 – 6	Intershield 486	6 – 8	Intershield 486	6 – 8
Stripe	MS-11CZ	2 – 9.5	MS 7CZ	4 – 6	Intershield 486	6 – 8	Intershield 486	6 – 8
1ST Intermediate (optional)	MS-11CZ	2 – 9.5	MS 7CZ	4 – 6	Intershield 486	6 – 8	Intershield 486	6 – 8
2ND Intermediate (if applicable)	MS-11CZ	1 – 2	MS 7CZ	1 – 2	Intershield 486	1 – 2	Intershield 486	1 – 2
Nonskid	MS-8000G	20-30	N/A		International 9L UV/LSA	20 – 30	N/A	
Deck Gray LSA	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3	N/A		MIL-PRF-24635 (# 26008) (a)	2 – 3
Color Topping	MS-200, MS-190, MS-275	1.5 1.25-5	N/A		Interthane 990HS or Interthane 990	2 - 3	N/A	

(a) To peripheral deck edging and areas not receiving nonskid apply a MIL-PRF-24635C qualified silicon alkyd topcoat matching the color Deck Gray (FED-STD-595 No. 26008) or the manufacturer's deck gray color topping may be substituted for MIL-PRF-24635.

Required Nonskid Spread Rate Coverage Range per MIL-PRF-24667

Type V III (G & L) Nonskid Topcoat
20-30 ft^2/gal