	<u>QA INSF</u>	PECTION I	ORM - E	<u>.</u> ENVIRONM	<u>APPENDIX</u> ENTAL RE		<u>S & PA</u>	INT/NON	ISKID	<u>STOI</u>	RAGE	
SHIP NAI	ME & HUL	L #:		CONTRACT		ER/CLIN/	TWD:		DATE	TIME:		
LOCATIC	DN:				WO	RK ITEM:			PARA	A. NO.:		
(I)	(V)	(G)		PRODUCT I	BEING APPL	.IED:						
		: 61 009-32 FY)	/FY:	ТАВ	LE:	I	LINE: _		COL	UMN	:	
•	TAIN SEP	ARATE LOG		CH AREA/LOC E SECTIONS,								A IS
NOTE #1 NOTE #2 NOTE #3	THE CO UNLESS LEAST {	MMENTS BLO OTHERWISI DEG F ABO	DCK. E STATED I VE DEW PC	OUND, PROVID IN SPECIFICAT DINT. SLE, INSERT N//	ION, SURFAC	E TEMPEI	RATURE	MUST BE A	MINIMU	JM OF	50 DEG F	AND AT
ACCEPT	CRITERIA:	ENV: MAX	%RH:	SURFACE TE	MP: MIN:	MAX:		STORAGE 1	EMP:	MIN:	MA>	K:
Check for	or Ventilation	n Running (PV	V, RFW, & F	WDC Tanks):			Data	Logger Use	d? (Yes/I	No)		
Date	Time	Prime Cure, S	Stripe Applica	anliness Check, S tion, Stripe Cure, ation, Top Coat Ap	Intermediate App	plication, Int	ermediate	Substrate Surface Temp. (°F)	Dew Point (°F)		Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
Gage #			Gage Cal E	Due Date:			Conditio	on of Reading	SAT:		UNSAT:	
Gage #				Due Date:								
Contractor (
COMMEN	TS:											
Date	Time	Prime Cure, S	Stripe Applica	anliness Check, S tion, Stripe Cure, ation, Top Coat Ap	Intermediate App	plication, Int	ermediate	Substrate Surface Temp. (°F)	Dew Point (°F)		Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
Gage #			Gage Cal D	Due Date:			Conditio	on of Reading	a SAT:		UNSAT:	
Gage #				Due Date:			-	-				
Contracto				-	Contractor (Sign		_					
COMMEN												
Date	Time	Prime Cure, S	Stripe Applica	anliness Check, S tion, Stripe Cure, ation, Top Coat Ap	Intermediate App	plication, Int	ermediate	Substrate Surface Temp. (°F)	Dew Point (°F)	% RH	Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
Gage #			Gage Cal D	Due Date:			Conditio	on of Reading	SAT:		UNSAT:	
Gage #				Due Date:			-		, <u>L</u>			-
_	or (Print):				Contractor (Sign							
COMMEN	TS:											

			Paint/	Nonskid Stor	rage			
					OR	0	R	
		Enter Product/Component &	Min. & Max	. Temp. for 24hr	Storage Temp.	Core Temp	After Each	Method of
Date	Time/	Prime, Stripe, Intermediate,	Period Price	or to Initiation of	Manually	Component Se	parately Mixed	Measurement
	Time Range	Tack, Top Coat	Ар	olication	Measured	Part A	Part B	
			Min.:	/Max.:				
Contractor	· (Print):		C	Contractor (Signat	ure):			
COMMENTS:								

APPENDIX 2 QA INSPECTION FORM - SSPC-SP 1 CLEANLINESS CHECKPOINT

SHIP NAME & HULL #:	CONTRACT/TASK	ORDER/CLIN/TWD:	DATE/TIMI	E:
LOCATION:			PARA. NO).:
(l) (V) (G)	PRODUCT BEING	APPLIED:		
REQ'T DOCUMENT: /FY: (NSTM 631, 634, PPI, NSI 009-32 FY)	SQFT OF AREA PI	RESERVED:	PARTIAL AREA:	/FINAL:
Г				
Accomplish SSPC-SP-1 degreasing/cleanir surface contaminants.	ig to ensure the removal of	Date/Time:	SAT:	UNSAT:
Accomplish degreasing/cleaning a maximur preparation, ensuring the adequate remova		Date/Time:	SAT:	UNSAT:
Start of Surface Preparation Coating Remo	val:	Date/Time:		
If evidence of contamination exists, accomp maximum of 4 hours prior to the application ensure removal of surface contaminants.		Date/Time:	SAT:	UNSAT:
COMMENTS:				
Contractor (Print):	Contractor (Signature):		Date/Time:	
Subcontractor	Subcontractor			

 (Print):
 (Signature):
 Date/Time:

 Govt. Insp.
 Govt. Insp.
 Oate/Time:

 (Print):
 (Signature):
 Date/Time:

<u>APPENDIX 3</u> QA INSPECTION FORM - SURFACE PROFILE / PREPARATION & CLEANLINESS LOG

SHIP NAME & HULL #:	CONTRACT/TASK ORDER/CLIN/TWD:	DATE/TIME:
		PARA. NO.:
(I) (V) (G)	PRODUCT BEING APPLIED:	

REQ'T DOCUMENT: /FY: SQFT OF AREA PRESERVED: PARTIAL AREA: /FINAL: /FI

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.

- **NOTE #1** FOR PAINTS & SUBMARINE NONSKID: 1 PROFILE MEASUREMENT REQUIRED FOR EVERY 200 SQFT (10 INDIVIDUAL READINGS FOR METHOD B; 2 INDIVIDUAL TAPE READINGS FOR METHOD C) FOR THE FIRST 1000 SQFT AREA (50/10 INDIVIDUAL READINGS TOTAL FOR METHOD B/C); 1 PROFILE MEASUREMENT REQUIRED FOR EACH ADDITIONAL 500 SQFT OR LESS AREA (10/2 INDIVIDUAL READINGS FOR METHOD B/C).
- **NOTE #2** FOR SURFACE SHIP NONSKID: 1 PROFILE MEASUREMENT REQUIRED EVERY 100 SQFT (10 INDIVIDUAL READINGS FOR METHOD B; 2 INDIVIDUAL TAPES FOR METHOD C) FOR THE FIRST 500 SQFT AREA (50 INDIVIDUAL READINGS TOTAL FOR METHOD B; 10 INDIVIDUAL TAPES TOTAL FOR METHOD C); 1 PROFILE MEASUREMENT PER 1000 SQFT REMAINING (10 INDIVIDUAL READINGS FOR METHOD B; 2 INDIVIDUAL TAPES FOR METHOD C).
- **NOTE #3** FOR ANY UNSAT CONDITION FOUND, PROVIDE THE TECHNICAL ADJUDICATION AND CORRECTIVE ACTION TAKEN IN THE COMMENTS BLOCK.
- NOTE #4 IF SPACES ARE NOT APPLICABLE, INSERT N/A. UNUSED SECTIONS SHALL BE CROSSED OUT AND MARKED N/A.

ACCEPTANCE CRITERIA: PROFILE RANGE MILS TO MILS

Method B:	Method C:	Profile Measurement (Average Mils)			Profile Measurement (Average Mils)
Reading:mils	Reading:mils		Reading:mils	Reading:mils	
Reading:mils	Reading:mils		Reading:mils	Reading:mils	
Reading:mils	Reading:mils		Reading:mils	Reading:mils	
Reading:mils	Reading:mils		Reading:mils	Reading:mils	
Reading:mils	Reading:mils		Reading:mils	Reading:mils	
000005050					
COMMENTS:					

Abrasive Manufacturer: (If Applicable)		Type: (If Applicable)	Mesh Si (If Applicab	
TYPE OF SURFACE PREP	ARATION:			
GAGE #	(Base Metal Reading)	SURFACE PROFILE INSP:	SURFACE PREP. INSP:	CLEANLINESS INSP:
GAGE CAL DUE DATE:	(Type 1 gage) _BMR	SAT: UNSAT:	SAT: UNSAT:	SAT: UNSAT:
Contractor (Print):		Contractor (Signature):	Date/	Time:
Subcontractor (Print):		Subcontractor		Time:
Govt. Insp. (Print):		Govt. Insp. (Signature):	Date/	Time:

<u>APPENDIX 4</u> QA INSPECTION FORM - SURFACE CONDUCTIVITY / CHLORIDE LOG

SHIP NAME & HULL #:		CONTRACT/TASK ORDER/CLIN/TW	DATE/TIME:	
		WORK ITEM:	PARA. NO.:	
(l) (V) (G)		PRODUCT BEING APPLIED:		
REQ'T DOCUMENT:	/FY:	SQFT OF AREA PRESERVED:	PARTIAL AREA:	/FINAL:

(NSTM 631, 634, PPI, NSI 009-32 FY)

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.

MAXIMUM READING (IMMERSED SURFACES): MAXIMUM READING (NON-IMMERSED SURFACES): CONDUCTIVITY (30) µS/cm CONDUCTIVITY (70) µS/cm CHLORIDE (3) µg/cm² CHLORIDE (5) µg/cm²

1 READING REQUIRED FOR EVERY 200 SQFT FOR FIRST 1000 SQFT, THEN 1 READING FOR EACH ADDITIONAL 500 SQFT OR LESS

NOTE #1 FOR ANY UNSAT CONDITION FOUND, PROVIDE THE TECHNICAL ADJUDICATION AND CORRECTIVE ACTION TAKEN IN THE COMMENTS BLOCK.

NOTE #2 IF SPACES ARE NOT APPLICABLE, INSERT N/A. UNUSED SECTIONS SHALL BE CROSSED OUT AND MARKED N/A.

Test Kit Batch No.: _____ Expiration Date: _____

	TEST LOCATIONS	CHLORIDE (µg/cm ²)	CONDUCTIVITY (µS/cm)	SAT	UNSAT
COMMENTS:					
GAGE #	GAGE CAL DUE DATE:	CONDITION OF		UNSAT:	
Contractor (Print):	Contractor (Signature):		Date/Time:		
Subcontractor	Subcontractor				
(Print):			Date/Time:		
Govt. Insp. (Print):	Govt. Insp. (Signature):		Date/Time:		

<u>APPENDIX 5</u> QA INSPECTION FORM - SURFACE CLEANLINESS (DUST) TAPE

SHIP NAME	HIP NAME & HULL #: CONTRACT/TASK ORDER/CLIN/TWD:		VD:	DATE/TIME:	
LOCATION	:		WORK ITEM:		PARA. NO.:
(I) (V	/) (G)	PRODU	CT BEING APPLIED:		
REQ'T DOC (NSTM 631, 63	CUMENT: 4, PPI, NSI 009-32 FY)	/FY: SI	PECIFIC FEATURES OF AR	EA TO BE TEST	ED:
ADHESIVE	TAPE TYPE(S) FOR D	UST MEASUREM	ENT:		
MAINTA			LOCATION, PREPARED OR NS, MAINTAIN A SEPARAT		
NOTE #1		,	READING REQUIRED FOR EVE VIDUAL READING REQUIRED		R THE FIRST 1000 SQFT AREA TONAL 500 SQFT OR LESS

- AREA. **NOTE #2** FOR FLIGHT DECK NONSKID, 3 INDIVIDUAL READINGS REQUIRED EVERY 100 SQFT FOR THE FIRST 500 SQFT; IF READINGS ARE SATISFACTORY, 1 INDIVIDUAL READING PER 1000 SQFT REMAINING.
- **NOTE #3** FOR ANY UNSAT CONDITION FOUND, PROVIDE THE TECHNICAL ADJUDICATION AND CORRECTIVE ACTION TAKEN IN THE COMMENTS BLOCK.

Spot

Measurement

NOTE #4 IF SPACES ARE NOT APPLICABLE, INSERT N/A. UNUSED SECTIONS SHALL BE CROSSED OUT AND MARKED N/A.

Spot Measurement	Dust Quantity Rating	Dust Size Class	Approximate Location

Spot Measurement	Dust Quantity Rating	Dust Size Class	Approximate Location

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Dust Size

Class

Approximate

Location

Dust Quantity

Rating

Spot Measurement	Dust Quantity Rating	Dust Size Class	Approximate Location

SAT:

UNSAT:

COMMENTS: Contractor Contractor (Print): (Signature): Date/Time: Subcontractor Subcontractor (Signature): (Print): Date/Time: Govt. Insp. Govt. Insp. (Print): (Signature): Date/Time:

<u>APPENDIX 6</u> QA INSPECTION FORM - PAINT/NONSKID APPLICATION AND CONSUMPTION LOG

SHIP NAME & HULL #:		CONTRACT/TASK ORDER/CLIN	DATE/TIME:	
				PARA. NO.:
(l) (V) (G)		PRODUCT BEING APPLIED:		
REQ'T DOCUMENT:	/FY:	TABLE:	LINE:	COLUMN:

(NSTM 631, 634, PPI, NSI 009-32 FY)

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.

In first row, indicate which coat: e.g. Prime, Stripe, Intermediate, Tack, Top							
Coat, 1 st AF coat, 2 nd AF coat		Coat	Coat	Coat	Coat	Coat	Coat
Application Method: Plural Airless, Conventional Airless, Brush, Roller, Conventional Spray							
Airless Pump Ratio (<i>if Plural Component</i>): Fixed: Variable:							
If Using Inline Heater, Temp. in °F							
(Fahrenheit)	Temp. At Tip						
Product Applied							
Product Manufacture	r						
Color Applied							
Base Portion Batch N	lo # (Part A)						
Expiration Date (Part A)							
Hardener Portion Batch No # (Part B)							
Expiration Date (Part B)							
Gallons Used Per Coat							
Square Feet Coated							
Start (Date/Time)							
Stop (Date/Time)							

COMMENTS:

	QA INS	PECTION		<u>PENDIX 7</u> FILM THICKNE	SS MEASURE	MENTS	
SHIP NAME &	HULL #:		CONTRACT/TA	SK ORDER/CLIN/	TWD:	DATE/TIM	E:
		WORK ITEM: PARA. NO.:).:	
(I) (V)	(G)		PRODUCT BEIN	NG APPLIED:			
REQ'T DOCUM (NSTM 631, 634, F	MENT: PPI, NSI 009-32 FY)	/FY:	SQFT OF AREA	A PRESERVED:	PARTIAL /	AREA:	/FINAL:
MAINTAIN S	EPARATE LOG FOR			RED OR PAINTED SUR PARATE LOG FOR EA		EA IS DIVIDED	INTO SEPARATE
				CAL ADJUDICATION A			COMMENTS BLOCK
Select Type of Gage #	Gage being used: T	ype 1 Current Calibr	Type 2 ation Due Date:	Bas Accu	e Metal Reading (Type iracy Adjustment (Type	e 1 gage): e 1 gage):	
			ACCEPT	ANCE CRITERIA			
PRIMER CO	DAT DFT	то	MILS	ТОРСОА	T DFT	то	MILS
	ATE COAT DFT	то	MILS	TOTAL S		то	MILS
STRIPE C	COAT (for Cleanlines	s & Holiday Q/	A)		SPRE	AD RATE:	
	oot Measurement = T	he AVG of Thre	e Gage Readings.		pot Measurement = Th		0
SPOT MEASUREMENT	DFT (Mils) AVG of 3 Gage Readings	Approxir	nate Location	SPOT MEASUREMENT	DFT (Mils) AVG of 3 Gage Readings	Approxima	ate Location
1 2				1			
3				3			
4				4			
5				5			
Average:				Average:			
SPOT	DFT (Mils) AVG of 3		e Gage Readings. nate Location	SPOT	pot Measurement = Th DFT (Mils) AVG of 3		Gage Readings. ate Location
1	Gage Readings			1	Gage Readings		
2 3				2 3			
4				4			
5				5			
Average:				Average:			
	bot Measurement = T	he AVG of Thre	e Gage Readings.		pot Measurement = Th		
MEASUREMENT	DFT (Mils) AVG of 3 Gage Readings	Approxir	nate Location	SPOT MEASUREMENT	DFT (Mils) AVG of 3 Gage Readings	Approxima	ate Location
1 2				1			
3				3			
4				4			
5				5 Average:			
Average:				Average.			
HOLIDAY		UNSAT	CHLORIDE/CO	DFT INSP.: NDUCTIVITY INSP.:	SAT UNSAT SAT UNSAT	N/A (for	stripe coat)
COMMENTS:							
Contractor (Print):			Contractor (Signature):		D	ate/Time:	
Subcontractor			Subcontractor			ate/Time:	
Govt. Insp. (Print):			Govt. Insp. (Signature):		D	ate/Time:	

APPENDIX 7A
QA INSPECTION FORM - WET FILM THICKNESS MEASUREMENTS

SHIP NAME & HULL #	CONTRACT/TASK ORI	DER/CLIN/TWD:	DATE/TIME:	
	wo		PARA. NO.:	
(I) (V) (G) PRODUCT BEING APP	LIED:		
REQ'T DOCUMENT: (NSTM 631, 634, PPI, NSI 0	/FY: SQFT OF AREA PRES	ERVED:PARTIA	AL AREA: / FINAL:	
MAINTAIN SEPAR	ATE LOG FOR EACH AREA/LOCATION, PR ED INTO SEPARATE SECTIONS, MAINTAIN			
NOTE #1 FOR ANY I THE COM	JNSAT CONDITION FOUND, PROVIDE THE TECH IENTS BLOCK WHERE REQUIRED IN LIEU OF D ARE NOT APPLICABLE, INSERT N/A. UNUSED	INICAL ADJUDICATION AN	ID CORRECTIVE ACTION TAKEN IN	
	Indicate Coating Syst	em Sequence		
Prime Coat	Intermediate Coat (if a	pplicable) Top		
Stripe Coat (if	applicable) Stripe Coat (if applicab	le)Oth	er Coat (specify) <u>(</u>	
2 SPOT READI 0 - 1000 SQFT =		QFT = 10 SPOTS REQUI SQFT = 15 SPOTS REQU	RED	
WFT Measurement #	Location of Reading	S	WFT Measurement Reading	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
<u>19</u> 20				
COMMENTS:				
Contractor (Print):	Contractor (Signature):		Date/Time:	
Subcontractor (Print):	Subcontractor (Signature):		Date/Time:	
Govt. Insp. (Print):	Govt. Insp. (Signature):		Date/Time:	