	<u>QA INSF</u>	PECTION I	-ORM - I	ENVIRON	<u>APPEN</u> IENTAL	<u>IDIX 1</u> . READ	INGS	<u>& PA</u>	INT/NO	ISKIE) STC	RAGE	
SHIP NAM	ME & HUL	L #:		CONTRAC	T/TASK (ORDER/0	CLIN/T	WD:		DAT	E/TIME	:	
LOCATIO	N:					WORK	ITEM:			PAR	A. NO	.:	
(I)	(V)	(G)		PRODUCT	BEING A	APPLIED):						
REQ'T DO		:	/FY:	ТА	BLE:		LI	NE:		C	DLUMN	l:	
(NSTM 631,	634, PPI, NS	61 009-32 FY)											
MAIN	TAIN SEP DIV	ARATE LOG	FOR EAG	E SECTIONS	CATION, 6, MAINT	AIN A SE	RED O EPARA	R COA TE LO	G FOR EA	FACE. CH SE		N AN ARE N.	AIS
NOTE #1	FOR AN	Y UNSAT CO		OUND, PROVI	DE THE T	ECHNICA	AL ADJU	IDICATI	ION AND C	ORREC	CTIVE A		KEN IN
NOTE #2	UNLESS	MMENTS BLO OTHERWISI	DCK. E STATED I	IN SPECIFICA	TION, SUF	RFACE TE	EMPER	ATURE	MUST BE /			- 50 DEG F	AND AT
NOTE #3	LEAST 5 IF SPAC	5 DEG F ABO' ES ARE NOT	VE DEW PO APPLICAB	DINT. BLE, INSERT N	I/A. UNUS	ED SECT	TIONS S	HALL E	BE CROSSE			/IARKED N/	Ά.
АССЕРТ С	CRITERIA:	ENV: MAX	%RH:	SURFACE T	EMP: MI	N:	MAX:		STORAGE	TEMP:	MIN:	MAX	<:
Check fo	or Ventilatior	n Running (PV	V, RFW, & F	WDC Tanks):				Data	Logger Use	d? (Ye	s/No)		
Date	Time	Enter Activity/ Prime Cure, S Cure,	Process: Cle Stripe Applica Tack Applica	anliness Check, ation, Stripe Cure ation, Top Coat A	Surface Pre , Intermedia Application,	eparation, P ate Applicat Top Coat C	Prime App ion, Inter Cure, etc.	olication, mediate	Substrate Surface Temp. (°F)	Dew Point (°F)	% RH	Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
			Core Col [Due Deter				Caraditi					
Gage #			Gage Cal L	Due Date:				Conditi	on of Readin	g SAT		UNSAT	
Gage #	Drint):		Gage Car L		Contractor	r (Signature	<u></u>						
CONTractor (TS:					i (Signature	=)						
Date	Time	Enter Activity/ Prime Cure, S Cure,	Process: Cle Stripe Applica Tack Applica	anliness Check, ation, Stripe Cure ation, Top Coat <i>I</i>	Surface Pre , Intermedia Application,	eparation, P ate Applicat Top Coat C	Prime App ion, Inter Cure, etc.	olication, mediate	Substrate Surface Temp. (°F)	Dew Point (°F)	% RH	Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
Gage #			Gage Cal [Due Date:				Conditi	on of Readin	a SAT			
Gage #			Gage Cal E	Due Date:						9			
Contracto	or (Print):		9		Contractor	r (Signature	e):						
COMMEN	TS:				-								
Date	Time	Enter Activity/ Prime Cure, S Cure,	Process: Cle Stripe Applica Tack Applica	anliness Check, ation, Stripe Cure ation, Top Coat A	Surface Pre , Intermedia Application,	eparation, P ate Applicat Top Coat C	Prime App ion, Inter Cure, etc.	blication, mediate	Substrate Surface Temp. (°F)	Dew Point (°F)	% RH	Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
Gade #	1	<u> </u>	Gade Cal F	Due Date:				Conditi	l on of Readin	a SAT			
Gage #			Gage Cal E	Due Date:									-
Contracto	or (Print):		<u> </u>		Contractor	r (Signature	e):						
COMMEN	TS:				_								

Paint/Nonskid Storage								
					OR	0	R	
ļ	1	Enter Product/Component &	Min. & M	Max. Temp. for 24hr	Storage Temp.	Core Temp.	. After Each	Method of
Date	Time/	Prime, Stripe, Intermediate,	Period Prior to Initiation of		Manually	Component Separately Mixed		Measurement
	Time Range	Tack, Top Coat		Application	Measured	Part A /	Part B	
ļ	1		Min.:	/Max.:				
Contractor	Contractor (Print): Contractor (Signature):							
				_				

COMMENTS:

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

SHIP NAME & HULL #:	CONTRACT/TASK	ORDER/CLIN/TWD: _	DATE/TIM	E:
			PARA. NO).:
(l) (V) (G)	PRODUCT BEING	APPLIED:		
REQ'T DOCUMENT: /FY:	SQFT OF AREA P	RESERVED:	PARTIAL AREA:	/FINAL:
(NSTM 631, 634, PPI, NSI 009-32 FY)				
Accomplish SSPC_SP-1 degreesing/cleaning	or to ensure the removal of			
surface contaminants.		Date/Time:	SAT:	UNSAT:
Accomplish degreasing/cleaning a maximur	n of 4 hours prior to surface			, ,,
preparation, ensuring the adequate remova	l of surface contaminants.	Date/Time:	SAT:	UNSAT:
Start of Surface Preparation Coating Remov	val:	Date/Time:		
If evidence of contamination exists, accomp maximum of 4 hours prior to the application	lish degreasing/cleaning a of each coat of paint to			
ensure removal of surface contaminants.		Date/Time:	SAT:	UNSAT:
Contractor (Print):	Contractor (Signature):		Date/Time:	
Subcontractor	Subcontractor			

Govt. Insp. Govt. Insp. (Print): (Signature):

(Signature):

(Print):

Date/Time:

Date/Time:

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

SHIP NAME & HULL #:	CONTRACT/TASK ORDER/CLIN/TWD:	DATE/TIME:	
	WORK ITEM:	PARA. NO.:	
(I) (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.

- 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	

 COMMENTS:

 Abrasive Manufacturer:
 Type:

 (If Applicable)
 (If Applicable)

TYPE OF SURFACE PREPARATION:

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 (Signature):	Date/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	D: 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	CHECKPOINT: SAT:	UNSAT:	
Contractor (Print):	Contractor (Signature):		Date/Time:		
Subcontractor	Subcontractor				
(Print):	(Signature):		Date/Time:		
Govt. Insp. (Print):	Govt. Insp. (Signature):		Date/Time:		

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

SHIP NAME	E & HULL #:		CONTRACT/TASK ORDER/CLIN/		DATE/TIME:
LOCATION	:		WORK ITEM:		PARA. NO.:
(I) (V	/) (G)		PRODUCT BEING APPLIED:		
REQ'T DOC (NSTM 631, 63	CUMENT: 34, PPI, NSI 009-32 FY)	/FY:	SPECIFIC FEATURES OF A	REA TO BE TEST	ED:
ADHESIVE	TAPE TYPE(S) FOR	DUST ME	ASUREMENT:		
MAINTA	IN SEPARATE LOG DIVIDED INTO S	FOR EAC	H AREA/LOCATION, PREPARED C E SECTIONS, MAINTAIN A SEPAR	OR PAINTED SURF	FACE. WHEN AN AREA IS CH SECTION.
NOTE #1	FOR UNDERWATER H IF READINGS ARE SA AREA.	HULL, 1 IND TISFACTO	NVIDUAL READING REQUIRED FOR EN RY, 1 INDIVIDUAL READING REQUIRE	VERY 200 SQFT FOI D FOR EACH ADDIT	R THE FIRST 1000 SQFT AREA; IONAL 500 SQFT OR LESS

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.
	FOR ANY UNDAT CONDITION FOUND PROVIDE THE TECHNICAL AR UNDIONTION AND CORRECTIVE ACTION TAKEN

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

Spot	Dust Quantity	Dust Size	Approximate
Measurement	Rating	Class	Location

Spot	Dust Quantity	Dust Size	Approximate
Measurement	Rating	Class	Location

Dust Size

Class

Approximate

Location

Dust Quantity

Rating

CONDITION OF CHECKPOINT

SAT:

UNSAT:

COMMENTS: Contractor Contractor (Print): (Signature): Date/Time: Subcontractor Subcontractor (Print): (Signature): 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 #:	P NAME & HULL #: CONTRACT/TASK ORDER/		/TWD:	DATE/TIME:
		WORK ITEM	I:	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.							
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>i</i> Fixed: Var	f Plural Component): iable:						
If Using Inline Heater, Temp. in °F	Temp. Setting At Heater						
(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:

	<u>QA INS</u>	PECTION	<u>APF</u> FORM - DRY	<u>PENDIX 7</u> FILM THICKNE	SS MEASURE	MENTS	
SHIP NAME & HULL #: CONTRACT/TASK ORDER/CLIN/TWD: DATE/TIME:							E:
		WORK ITEM: PARA. NO.:).:
(I) (V)	(G)		PRODUCT BEIN	IG APPLIED:			
REQ'T DOCUM (NSTM 631, 634, F	MENT: PPI, NSI 009-32 FY)	/FY:	SQFT OF ARE	A PRESERVED:	PARTIAL #	AREA:	/FINAL:
MAINTAIN S	EPARATE LOG FOR	R EACH AREA/I SECTIO	OCATION, PREPAR	ED OR PAINTED SUR	FACE. WHEN AN AR ACH SECTION.	EA IS DIVIDED	INTO SEPARATE
NOTE #1 FOR AN NOTE #2 IF SPAC	Y UNSAT CONDITIC	N FOUND, PRO CABLE, INSER	OVIDE THE TECHNIC F N/A. UNUSED SEC	CAL ADJUDICATION A	ND CORRECTIVE AC OSSED OUT AND MA	TION TAKEN IN RKED N/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 racy Adjustment (Type	1 gage): 1 gage):	
			ACCEPT	ANCE CRITERIA			
	OAT DFT	то	MILS	ТОРСОА	T DFT	то	MILS
	ATE COAT DFT	то	MILS	TOTAL S	YSTEM DFT	то	MILS
STRIPE C	COAT (for Cleanlines	s & Holiday Q <i>I</i>	A)		SPRE	AD RATE:	
Note: Each Sp	oot Measurement = T	he AVG of Thre	e Gage Readings.	Note: Each S	pot Measurement = Th	ne AVG of Three	Gage Readings.
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				1			
3				3			
4				4			
5 Average:				5 Average:			
Average.				Avelage.			
Note: Each Sp SPOT MEASUREMENT	DFT (Mils) AVG of 3 Gage Readings	he AVG of Thre Approxin	e Gage Readings. nate Location	Note: Each S SPOT MEASUREMENT	Dot Measurement = Th DFT (Mils) AVG of 3 Gage Readings	ne AVG of Three Approxima	Gage Readings. ate Location
1 2				1			
3				3			
4				4			
5 Average:				5 Average:			
Note: Each Sn	ot Measurement – T		e Gage Readings	Note: Each St	ot Measurement – Th		Gage Readings
SPOT	DFT (Mils) AVG of 3	Approxim	nate Location	SPOT	DFT (Mils) AVG of 3	Approxima	ate Location
MEASUREMENT	Gage Readings	Аррюлі		MEASUREMENT	Gage Readings		
2				2			
3				3			
4							
Average:				Average:			
HOLIDAY CLEANLINESS	VINSP.: SAT	UNSAT	CHLORIDE/CO	DFT INSP.: NDUCTIVITY INSP.:	SAT UNSAT SAT UNSAT	N/A (for	stripe coat)
Contractor (Print):			Contractor (Signature):		Da	ate/Time:	
Subcontractor (Print):			Subcontractor (Signature):		Da	ate/Time:	
Govt. Insp. (Print):			Govt. Insp. (Signature):		Da	ate/Time:	

APPENDIX 7A
QA INSPECTION FORM - WET FILM THICKNESS MEASUREMENTS

SHIP NAME & HULL #	: COM	ITRACT/TASK ORDER/CLIN/T	ND: DATE/TIME	
		WORK ITEM:	PARA. NO.	:
(I) (V) (G) PRC	DUCT BEING APPLIED:		
REQ'T DOCUMENT: (NSTM 631, 634, PPI, NSI 0	/FY: SQ	T OF AREA PRESERVED:	PARTIAL AREA:	/ FINAL:
MAINTAIN SEPAR DIVIDI	ATE LOG FOR EACH AR ED INTO SEPARATE SEC	EA/LOCATION, PREPARED OF TIONS, MAINTAIN A SEPARA	R PAINTED SURFACE. WHEN TE LOG FOR EACH SECTION	I AN AREA IS I.
NOTE #1 FOR ANY L THE COMM NOTE #2 IF SPACES	JNSAT CONDITION FOUND, MENTS BLOCK WHERE REG ARE NOT APPLICABLE, IN	PROVIDE THE TECHNICAL ADJU UIRED IN LIEU OF DFT. SERT N/A. UNUSED SECTIONS SI	DICATION AND CORRECTIVE A	CTION TAKEN IN IARKED N/A.
	Ind	icate Coating System Sequend	e _	
Prime Coat	International In	ermediate Coat (if applicable)	I opcoat	()
Stripe Coat (if		ipe Coat (il applicable)	Other Coat (specify)	()
META	ALLIC SURFACES	<u>NON</u>	METALLIC SURFACES	
2 SPOT READIN	IGS PER 1000 SQFT:	0 - 100 SQFT = 5 SPOTS	S REQUIRED	
0 - 1000 SQFT =	2 SPOTS REQUIRED	101 - 200 SQFT = 10 SP	OTS REQUIRED	
1001 - 2000 SQI	T = 4 SPOTS REQUIRED	201 - 1000 SQFT = 15 S	POTS REQUIRED	
		> 1000 SQFT = 5 SPOT	S REQUIRED PER 1000 SQF	I AREA
WFT Measurement #	L	ocation of Readings	WFT Measurem	ent Reading
1		¥		
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
17				
18				
19				
20				
COMMENTS:				
Contractor (Print):		Contractor (Signature):	Date/Time:	
Subcontractor (Print):	S	ubcontractor (Signature):	Date/Time:	
Govt. Insp. (Print):		Govt. Insp. (Signature):	Date/Time:	