Demo Operator

PRODUCTION

Daily Coating Inspection Report

NRP-I0001 | Produced Water Tank Internal Lining

01 INSPECTION DETAILS

Inspection reference	Date	Recorded by
NRP-I0001	Tue, 9/29/26	Demo Operator

Vessel / hull	Area / tank
Northern Reach Platform	Cellar Deck › Produced Water Area
Inspection type	**Inspector**
Surface Preparation	Demo Inspector

Description of area and work inspected
Surface Preparation - Produced Water Tank Internal Lining

Specification reference
Not recorded

No specification governed this record. The figures below are what was measured; there is no specified requirement to compare them against.

02 AMBIENT CONDITIONS

Reading time	Relative humidity	Gauge serial	Surface minus dew point
06:52	72 %	1194207	6.6 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
61.4 °F	Not recorded	52.3 °F	58.9 °F
Activity		**Inspector's recorded OK to work**	
Start of shift		Yes	
Reading time	**Relative humidity**	**Gauge serial**	**Surface minus dew point**
07:38	66.5 %	1194207	7.5 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
64.1 °F	Not recorded	52.7 °F	60.2 °F
Activity		**Inspector's recorded OK to work**	
Pre-blast		Yes	
Reading time	**Relative humidity**	**Gauge serial**	**Surface minus dew point**
09:47	58.2 %	1194207	13.7 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
68.3 °F	Not recorded	53.1 °F	66.8 °F
Activity			
During blast			
Reading time	**Relative humidity**	**Gauge serial**	**Surface minus dew point**
11:56	52.4 %	1194207	19.6 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
71.6 °F	Not recorded	53.3 °F	72.9 °F
Activity			
During blast			

Reading time	Relative humidity	Gauge serial	Surface minus dew point
13:58	49.1 %	1194207	22.4 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
73.2 °F	Not recorded	53 °F	75.4 °F

Activity
End of shift

03 SURFACE PREPARATION

Work started Tue, 9/29/26 07:00 CDT	Work finished Tue, 9/29/26 14:10 CDT
Preparation method Blasting	Recorded preparation standard SSPC-SP10 / NACE No.2
Specified surface profile 2.5-3.5 mils	Profile method Replica tape (ASTM D4417-C)
Air supply cleanliness result pass	Solvent pre-clean (SP1) Yes
Soluble-salt test Yes	Flash rust None

Surface profile (SPG) - average	Recorded summary range	Gauge serial
3.06 mils	2.8 – 3.4 *	1194422

Specified target 2.5-3.5 mils	Measurement summary - gauge readings 8 *

* Range and Rdgs are the gauge's own batch statistics over individual readings, not SSPC-PA 2 spot measurements. An individual reading has no acceptance criterion of its own, so these figures cannot be read against the 80/120% spot tolerance. Unmarked rows are spot measurements: Rdgs counts spots, each the average of up to 3 gauge readings, and the range is across those spot averages.

Soluble salt (SST)
conductivity 12.4 µS/cm · chloride 1.8 µg/cm² · Bresle patch, ISO 8502-6 / -9

Ambient / dew point (DPM)
RH 59.6% · dry-bulb 67.7°F · surface 66.8°F · dew point 52.9°F · spread 14°F · maximum RH 72% · minimum measured spread 6.6°F · run statistics; excursion times and duration not recorded

04 COMMENTS

Inspection notes
Abrasive blast to SSPC-SP10 over the shell and floor; the deckhead was sound and was masked out of the blast. Salt tested clean before blasting. Profile taken at eight locations, all inside the 50-150 micron band. The blast-to-coat hold ran 41.9 hours against the four-hour open window under dehumidification, so it is written up rather than glossed.

Preparation
Eight replica-tape checks: floor centre, floor aft, outlet nozzle area, and five up the lower courses. The deckhead - 314 sq ft of the element's 2,639 - was sound and masked out. Dehumidification ran from blast completion to the first coat.

05 RECORDED ACCEPTANCE

Inspection acceptance: Not recorded

PRODUCTION RECORD - FULL DETAILS

Inspection ID NRP-I0001	Inspector Demo Inspector
Date Tue, 9/29/26	Work window Tue, 9/29/26 07:00 -> Tue, 9/29/26 14:10 CDT

SURFACE PREPARATION

Prep method Blasting	Standard SSPC-SP10 / NACE No.2
Profile target 2.5-3.5 mils	Profile method Replica tape (ASTM D4417-C)
Solvent pre-clean (SP1) Yes	Pressure washed Yes
Abrasive blast Yes	Abrasive Garnet 30/60
Abrasive amount 10.5 ton (bulk bags), two nozzles over two shifts	Abrasive cleanliness ASTM D7393 vial test - no oil or contaminant
Abrasive pH 7.2	Nozzle size 3/8 in. venturi
Nozzle pressure 98 psi	Compressor SCFM 375
Compressor grounded Yes	Emergency shutoff Fitted — functional
Moisture trap Yes	Air dryer In use — functional
Blast start Tue, 9/29/26 06:58 CDT	Blast stop Tue, 9/29/26 14:10 CDT
Blast completed Tue, 9/29/26 14:10 CDT	First coat applied Thu, 10/1/26 08:01 CDT
Blast-to-coat 1 d 17.9 hr — exceeds the 4 hr window. Advisory: check for flash rust / re-contamination and consider re-blasting before coating.	Area to prepare 2340 ft²
Area prepared 2325 ft²	Dryer/filter OK Yes
Blotter test pass	Soluble-salt test Yes
Flash rust None	DFT gauge set to profile Type 2 (electronic) — adjusted on the bare blast-cleaned substrate, so readings are coating above the profile peaks (PA 2 App. 2)
Comments Eight replica-tape checks: floor centre, floor aft, outlet nozzle area, and five up the lower courses. The deckhead - 314 sq ft of the element's 2,639 - was sound and masked out. Dehumidification ran from blast completion to the first coat.	

INSPECTION NOTES

Abrasive blast to SSPC-SP10 over the shell and floor; the deckhead was sound and was masked out of the blast. Salt tested clean before blasting. Profile taken at eight locations, all inside the 50-150 micron band. The blast-to-coat hold ran 41.9 hours against the four-hour open window under dehumidification, so it is written up rather than glossed.

Coverage: records created on or after Thu, 1/1/26

INSPECTED BY
Demo Inspector

Demo Operator

PRODUCTION

Daily Coating Inspection Report

NRP-I0002 | Produced Water Tank Internal Lining

01 INSPECTION DETAILS

Inspection reference	Date	Recorded by
NRP-I0002	Thu, 10/1/26	Demo Operator

Vessel / hull	Area / tank
Northern Reach Platform	Cellar Deck › Produced Water Area
Inspection type	**Inspector**
Coating · Prime	Demo Inspector

Description of area and work inspected
Coating - Prime - Produced Water Tank Internal Lining

Specification reference
Not recorded

No specification governed this record. The figures below are what was measured; there is no specified requirement to compare them against.

General colour has no capture provenance; an earlier app could supply a specification colour. Verify against the original evidence.

02 AMBIENT CONDITIONS

Reading time	Relative humidity	Gauge serial	Surface minus dew point
07:44	60.8 %	1194207	10.1 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
66.2 °F	Not recorded	52.3 °F	62.4 °F

Activity	Inspector's recorded OK to work
Start of shift	Yes

Reading time	Relative humidity	Gauge serial	Surface minus dew point
08:01	59.2 %	1194207	11.8 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
67 °F	Not recorded	52.3 °F	64.1 °F

Activity	Inspector's recorded OK to work
Pre-coat	Yes

Reading time	Relative humidity	Gauge serial	Surface minus dew point
10:26	53.7 %	1194207	16.5 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
70.9 °F	Not recorded	53.3 °F	69.8 °F

Activity
During coat

Reading time	Relative humidity	Gauge serial	Surface minus dew point
13:07	49.6 %	1194207	22.8 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
73.4 °F	Not recorded	53.4 °F	76.2 °F

Activity
During coat

Reading time	Relative humidity	Gauge serial	Surface minus dew point
15:33	52.8 %	1194207	20.2 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
72.1 °F	Not recorded	53.9 °F	74.1 °F

Activity
End of shift

03 COATING APPLICATION

Work started Thu, 10/1/26 07:44 CDT	Work finished Thu, 10/1/26 15:33 CDT
Product applied SeaGuard Marine Epoxy - Red (N11R10)	Hardener Standard Hardener
Color applied Red — SW2839	Application method Airless spray
Batches Part A 4C19-0902; Part B 4V15-0904	Applied by Coatings crew, day shift
Maintain ventilation SAT	Wet film gauge used Yes
Avg WFT 7.94 mils	WFT readings 7.5, 8.1, 7.8, 8.4, 7.9 mils

04 RECORDED MEASUREMENTS & CHECKS

Ambient / dew point (DPM)
RH 55.2% · dry-bulb 69.9°F · surface 69.3°F · dew point 53°F · spread 16.3°F · maximum RH 60.8% · minimum measured spread 10.1°F · run statistics; excursion times and duration not recorded

05 CURE

Cure observed Yes	Actual cure 18 h before gauge readings

06 COMMENTS

Inspection notes
First full coat, red, airless spray onto the blasted steel. Three mixes through the shift, all witnessed. Gauged the next morning: five 100 sq ft areas, five spots each, twenty-five spots for 2,325 sq ft per SSPC-PA 2. Twenty-four of twenty-five reach the 5 mil NDFT so the 90-10 count is met, but spot 11 on the north wall averaged 4.2 against the 4.5 floor and is written up.

Application
First coat on the blasted steel. Four kits mixed 4A:1B; 16.8 gal went on 2,325 sq ft. Wet film taken at five locations as the coat went on; the WFT range is applicator guidance derived from the 5 mil target at 69% volume solids, not an acceptance limit.

Cure
The sheet gives 7 h to touch at 68F. Left overnight and gauged the next morning.

07 RECORDED ACCEPTANCE

Inspection acceptance: Not recorded

PRODUCTION RECORD - FULL DETAILS

Inspection ID NRP-I0002	Inspector Demo Inspector
Date Thu, 10/1/26	Work window Thu, 10/1/26 07:44 -> Thu, 10/1/26 15:33 CDT
Coating system SeaGuard Marine Epoxy - Red (N11R10)	

APPLICATION

Product applied SeaGuard Marine Epoxy - Red (N11R10)	Hardener Standard Hardener
Color applied Red — SW2839	Batches Part A 4C19-0902; Part B 4V15-0904
Paint sampled Yes	Mixing witnessed Yes
Coating temp 67°F, 71°F, 74°F	Method Airless spray
Applied by Coatings crew, day shift	Pump grounded Yes
Bucket grounded Yes	Required WFT 7.2–10.1 mils
Wet film gauge used Yes	Avg WFT 7.94 mils
WFT readings 7.5, 8.1, 7.8, 8.4, 7.9 mils	Maintain ventilation SAT
Comments First coat on the blasted steel. Four kits mixed 4A:1B; 16.8 gal went on 2,325 sq ft. Wet film taken at five locations as the coat went on; the WFT range is applicator guidance derived from the 5 mil target at 69% volume solids, not an acceptance limit.	

CURE

Cure observed Yes	Actual cure 18 h before gauge readings
Comments The sheet gives 7 h to touch at 68F. Left overnight and gauged the next morning.	

POST-CURE

Inspected for defects Yes	Defects found Thin film

INSPECTION NOTES

First full coat, red, airless spray onto the blasted steel. Three mixes through the shift, all witnessed. Gauged the next morning: five 100 sq ft areas, five spots each, twenty-five spots for 2,325 sq ft per SSPC-PA 2. Twenty-four of twenty-five reach the 5 mil NDFT so the 90-10 count is met, but spot 11 on the north wall averaged 4.2 against the 4.5 floor and is written up.

DFT / surface-profile report · All recorded gauge readings

Spots 1–20 of 25

Instrument	Gauge serial	Units	Specified target
Dry-film thickness gauge	1194318	mils	Not recorded
Average	**Recorded summary range**	**Recorded spots**	**Individual readings**
5.58 mils	4.23 – 6.33	25	75

Shell and floor — DFT (mils)

Gauge S/N: 1194318

Spot	Rdg 1	Rdg 2	Rdg 3	Spot avg
1	6.2	6.0	5.9	**6.0**
2	6.2	6.1	6.1	**6.1**
3	5.5	5.5	5.8	**5.6**
4	6.4	6.4	6.2	**6.3**
5	5.2	5.2	5.2	**5.2**
6	5.8	5.9	5.9	**5.9**
7	5.6	5.2	5.5	**5.4**
8	5.7	5.9	5.7	**5.8**
9	6.0	6.2	6.2	**6.1**
10	6.0	5.7	5.9	**5.9**
11	4.2	4.1	4.4	**4.2**
12	5.7	5.5	6.0	**5.7**
13	5.4	5.9	5.9	**5.7**
14	5.5	5.5	5.8	**5.6**
15	5.6	5.6	5.4	**5.5**
16	5.2	5.2	5.2	**5.2**
17	6.0	6.1	5.7	**5.9**
18	5.2	5.3	5.0	**5.2**
19	5.2	5.5	5.2	**5.3**
20	6.3	5.9	6.0	**6.1**

DFT / surface-profile report · All recorded gauge readings

Spots 21–25 of 25

Instrument	Gauge serial	Units	Specified target
Dry-film thickness gauge	1194318	mils	Not recorded
Average	**Recorded summary range**	**Recorded spots**	**Individual readings**
5.58 mils	4.23 – 6.33	25	75

Shell and floor — DFT (mils)

Gauge S/N: 1194318

Spot	Rdg 1	Rdg 2	Rdg 3	Spot avg
21	5.4	5.7	5.3	**5.5**
22	5.2	5.5	5.4	**5.4**
23	5.4	5.2	5.2	**5.3**
24	5.2	5.2	5.2	**5.2**
25	5.4	5.3	5.6	**5.4**

Coverage: records created on or after Thu, 1/1/26

INSPECTED BY
Demo Inspector

Demo Operator

PRODUCTION

Daily Coating Inspection Report

NRP-I0003 | Produced Water Tank Internal Lining

01 INSPECTION DETAILS

Inspection reference NRP-I0003	Date Sat, 10/3/26	Recorded by Demo Operator

Vessel / hull Northern Reach Platform	Area / tank Cellar Deck › Produced Water Area
Inspection type Coating · Stripe	Inspector Demo Inspector

Description of area and work inspected
Coating - Stripe - Produced Water Tank Internal Lining

Specification reference
Not recorded

No specification governed this record. The figures below are what was measured; there is no specified requirement to compare them against.

Application — wet Film Gauge Used: legacy unchecked value; an older checkbox could mean unanswered or No. Confirm from the original evidence.

General colour has no capture provenance; an earlier app could supply a specification colour. Verify against the original evidence.

02 AMBIENT CONDITIONS

Reading time 07:41	Relative humidity 63.7 %	Gauge serial 1194207	Surface minus dew point 9.1 °F
Dry bulb 64.8 °F	Wet bulb Not recorded	Dew point 52.2 °F	Surface temperature 61.3 °F
Activity Start of shift		Inspector's recorded OK to work Yes	
Reading time 07:58	Relative humidity 61.9 %	Gauge serial 1194207	Surface minus dew point 10.5 °F
Dry bulb 65.6 °F	Wet bulb Not recorded	Dew point 52.2 °F	Surface temperature 62.7 °F
Activity Pre-coat		Inspector's recorded OK to work Yes	
Reading time 10:12	Relative humidity 55.3 %	Gauge serial 1194207	Surface minus dew point 15.4 °F
Dry bulb 69.4 °F	Wet bulb Not recorded	Dew point 52.7 °F	Surface temperature 68.1 °F
Activity During coat			
Reading time 12:14	Relative humidity 51.6 %	Gauge serial 1194207	Surface minus dew point 20.6 °F
Dry bulb 71.8 °F	Wet bulb Not recorded	Dew point 53 °F	Surface temperature 73.6 °F
Activity End of shift			

03 COATING APPLICATION

Work started Sat, 10/3/26 07:41 CDT	Work finished Sat, 10/3/26 12:14 CDT
Product applied SeaGuard Marine Epoxy - Gray (N11A10)	Hardener Standard Hardener
Color applied Gray — RAL7000	Application method Brush
Batches Part A 4C21-0918; Part B 4V08-0731	Applied by Coatings crew, day shift
Maintain ventilation SAT	Wet film gauge used No

04 RECORDED MEASUREMENTS & CHECKS

Inspection measurements
Not recorded

05 COMMENTS

Inspection notes
Stripe coat brushed over the red prime to all weld seams, edges, bracket toes and the manhole ring, ahead of the grey intermediate. Mixing witnessed; one half kit covered the whole stripe.

06 RECORDED ACCEPTANCE

Inspection acceptance: Not recorded

PRODUCTION RECORD - FULL DETAILS

Inspection ID NRP-I0003	Inspector Demo Inspector
Date Sat, 10/3/26	Work window Sat, 10/3/26 07:41 -> Sat, 10/3/26 12:14 CDT
Coating system SeaGuard Marine Epoxy - Gray (N11A10)	

APPLICATION

Product applied SeaGuard Marine Epoxy - Gray (N11A10)	Hardener Standard Hardener
Color applied Gray — RAL7000	Batches Part A 4C21-0918; Part B 4V08-0731
Paint sampled Yes	Mixing witnessed Yes
Coating temp 66°F	Method Brush
Applied by Coatings crew, day shift	Previous coat Thu, 10/1/26 15:33 CDT
Wet film gauge used No	Maintain ventilation SAT

POST-CURE

Inspected for defects Yes

INSPECTION NOTES

Stripe coat brushed over the red prime to all weld seams, edges, bracket toes and the manhole ring, ahead of the grey intermediate. Mixing witnessed; one half kit covered the whole stripe.

Coverage: records created on or after Thu, 1/1/26

INSPECTED BY
Demo Inspector

Demo Operator

PRODUCTION

Daily Coating Inspection Report

NRP-I0004 | Produced Water Tank Internal Lining

01 INSPECTION DETAILS

Inspection reference	Date	Recorded by
NRP-I0004	Wed, 10/28/26	Demo Operator

Vessel / hull	Area / tank
Northern Reach Platform	Cellar Deck › Produced Water Area
Inspection type	**Inspector**
Coating · Intermediate	Demo Inspector

Description of area and work inspected
Coating - Intermediate - Produced Water Tank Internal Lining

Specification reference
Not recorded

No specification governed this record. The figures below are what was measured; there is no specified requirement to compare them against.

Post-cure — Holiday detection performed: legacy unchecked value; an older checkbox could mean unanswered or No. Confirm from the original evidence.

General colour has no capture provenance; an earlier app could supply a specification colour. Verify against the original evidence.

02 AMBIENT CONDITIONS

Reading time	Relative humidity	Gauge serial	Surface minus dew point
08:03	67.4 %	1194207	8.1 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
63.7 °F	Not recorded	52.7 °F	60.8 °F

Activity	Inspector's recorded OK to work
Start of shift	Yes

Reading time	Relative humidity	Gauge serial	Surface minus dew point
08:21	65.8 %	1194207	9.1 °F
Dry bulb	**Wet bulb**	**Dew point**	**Surface temperature**
64.5 °F	Not recorded	52.8 °F	61.9 °F

Activity	Inspector's recorded OK to work
Pre-coat	Yes

03 COATING APPLICATION

Work started
Wed, 10/28/26 08:10 CDT

Product applied	Hardener
SeaGuard Marine Epoxy - Gray (N11A10)	Standard Hardener
Color applied	**Application method**
Gray — RAL7000	Airless spray
Batches	**Applied by**
Part A 4C24-1006; Part B 4V22-1011	Coatings crew, day shift
Maintain ventilation	**Wet film gauge used**
SAT	Yes

Avg WFT	WFT readings
7.98 mils	8, 7.7, 8.3, 7.9 mils

04 RECORDED MEASUREMENTS & CHECKS

Inspection measurements

Not recorded

05 COMMENTS

Inspection notes

Second full coat, grey, in progress. The short area on the north wall was brought up before this coat went on. Holiday detection is scheduled once the coat has cured - this tank is immersion service.

06 RECORDED ACCEPTANCE

Inspection acceptance: Not recorded

PRODUCTION RECORD - FULL DETAILS

Inspection ID NRP-I0004	Inspector Demo Inspector
Date Wed, 10/28/26	Work started Wed, 10/28/26 08:10 CDT
Coating system SeaGuard Marine Epoxy - Gray (N11A10)	

APPLICATION

Product applied SeaGuard Marine Epoxy - Gray (N11A10)	Hardener Standard Hardener
Color applied Gray — RAL7000	Batches Part A 4C24-1006; Part B 4V22-1011
Paint sampled Yes	Mixing witnessed Yes
Coating temp 65°F, 69°F	Method Airless spray
Applied by Coatings crew, day shift	Pump grounded Yes
Bucket grounded Yes	Previous coat Sat, 10/3/26 12:14 CDT
Required WFT 7.2–10.1 mils	Wet film gauge used Yes
Avg WFT 7.98 mils	WFT readings 8, 7.7, 8.3, 7.9 mils
Maintain ventilation SAT	

INSPECTION NOTES

Second full coat, grey, in progress. The short area on the north wall was brought up before this coat went on. Holiday detection is scheduled once the coat has cured - this tank is immersion service.

Coverage: records created on or after Thu, 1/1/26

INSPECTED BY

Demo Inspector