Coating Inspection Report

Northern Reach Platform · Demo Operator

Items: **4** Locations: **1**

Covers records created on or after Thu, 1/1/26.

Cellar Deck

NRP-0001 · Produced Water Tank Internal Lining

Cellar Deck › Produced Water Area

Produced Water Tank Internal Lining

NRP-0001

NRP-I0001 · Produced Water Tank Internal Lining · Surface Preparation

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

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

READINGS

INSTRUMENT	SPECIFIED	AVG	RANGE	RDGS	GAUGE
Surface profile (SPG)	2.5-3.5 mils	3.06 mils	2.8 – 3.4 *	8 *	1194422

*** 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

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

NRP-I0001 · Produced Water Tank Internal Lining · Surface Preparation

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.

NRP-0002 · Produced Water Tank Internal Lining

Cellar Deck › Produced Water Area

Produced Water Tank Internal Lining

NRP-0002

NRP-I0002 · Produced Water Tank Internal Lining · Coating · Prime

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)

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

READINGS

INSTRUMENT	AVG	RANGE	RDGS	GAUGE
Coating thickness (DFT) — Shell and floor	5.58 mils	4.23 – 6.33	25	1194318

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

RECORD PROVENANCE

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

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

NRP-I0002 · Produced Water Tank Internal Lining · Coating · Prime

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.

All recorded gauge readings · NRP-I0002 · Produced Water Tank Internal Lining · Coating · Prime

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**
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**

NRP-0003 · Produced Water Tank Internal Lining

Cellar Deck › Produced Water Area

Produced Water Tank Internal Lining

NRP-0003

NRP-I0003 · Produced Water Tank Internal Lining · Coating · Stripe

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)

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

RECORD PROVENANCE

Recorded value qualification	Application — wet Film Gauge Used: legacy unchecked value; an older checkbox could mean unanswered or No. Confirm from the original evidence.
Recorded value qualification	General colour has no capture provenance; an earlier app could supply a specification colour. Verify against the original evidence.

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.

NRP-0004 · Produced Water Tank Internal Lining

Cellar Deck › Produced Water Area

Produced Water Tank Internal Lining

NRP-0004

NRP-I0004 · Produced Water Tank Internal Lining · Coating · Intermediate

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)

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

RECORD PROVENANCE

Recorded value qualification	Post-cure — Holiday detection performed: legacy unchecked value; an older checkbox could mean unanswered or No. Confirm from the original evidence.
Recorded value qualification	General colour has no capture provenance; an earlier app could supply a specification colour. Verify against the original evidence.

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.

INSPECTED BY

Demo Inspector