IMPLEMENTING PAPERLESS PAINT

NSRP SURFACE PREPARATION AND COATING (SSPC) PROJECT

Stephen Cogswell, BAE Systems JSR and Ross Boyd, TruQC

Implementation Update

- Request to use TruQC at Naval Station Mayport in January and February of 2017 was denied
- Completed BAE Systems in Jacksonville, Florida in April 2017
- Developed ROI calculator to help sell shipyard management on TruQC
- Selecting date for San Diego pilot

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Security and IT Compliance

- 100% compliant to NIST CUI-800-171 protection standards and ITAR compliant
- On premise implementation available
- Adapting to comply with individual yard requirements
  - Camera removal
  - Integration with third party MDM providers
  - Transition to AWS GovCloud secure database

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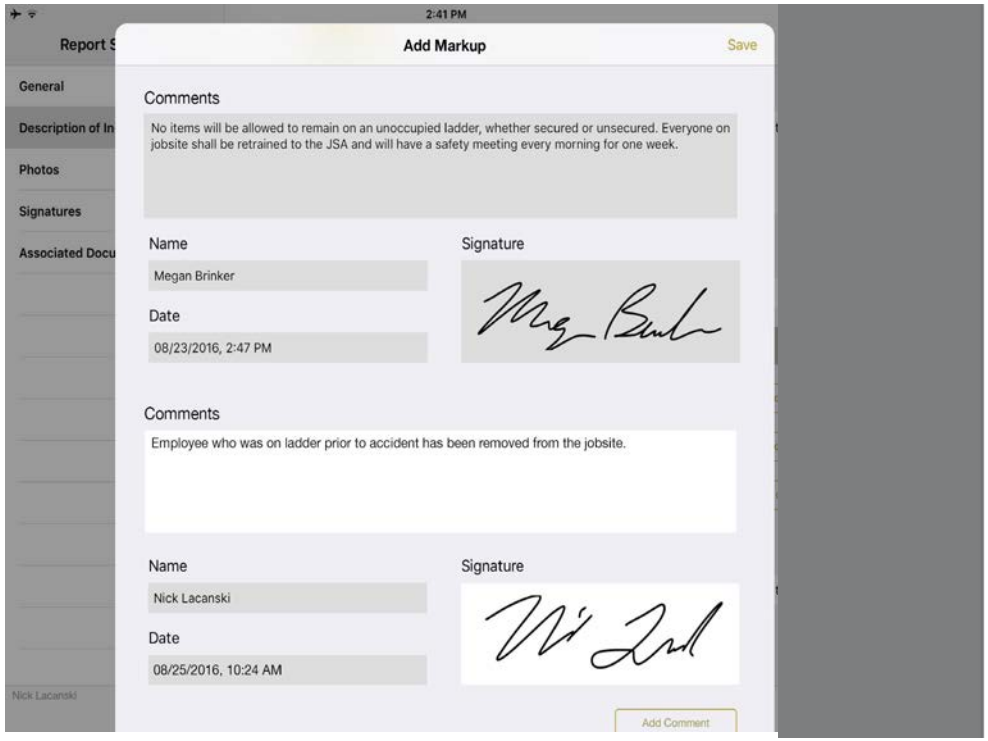
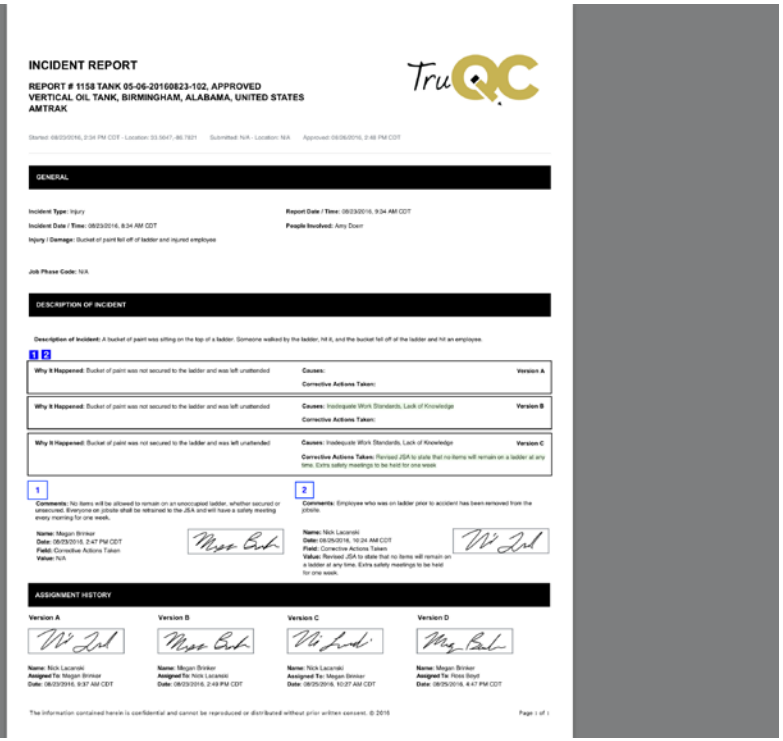
Report locked after approval





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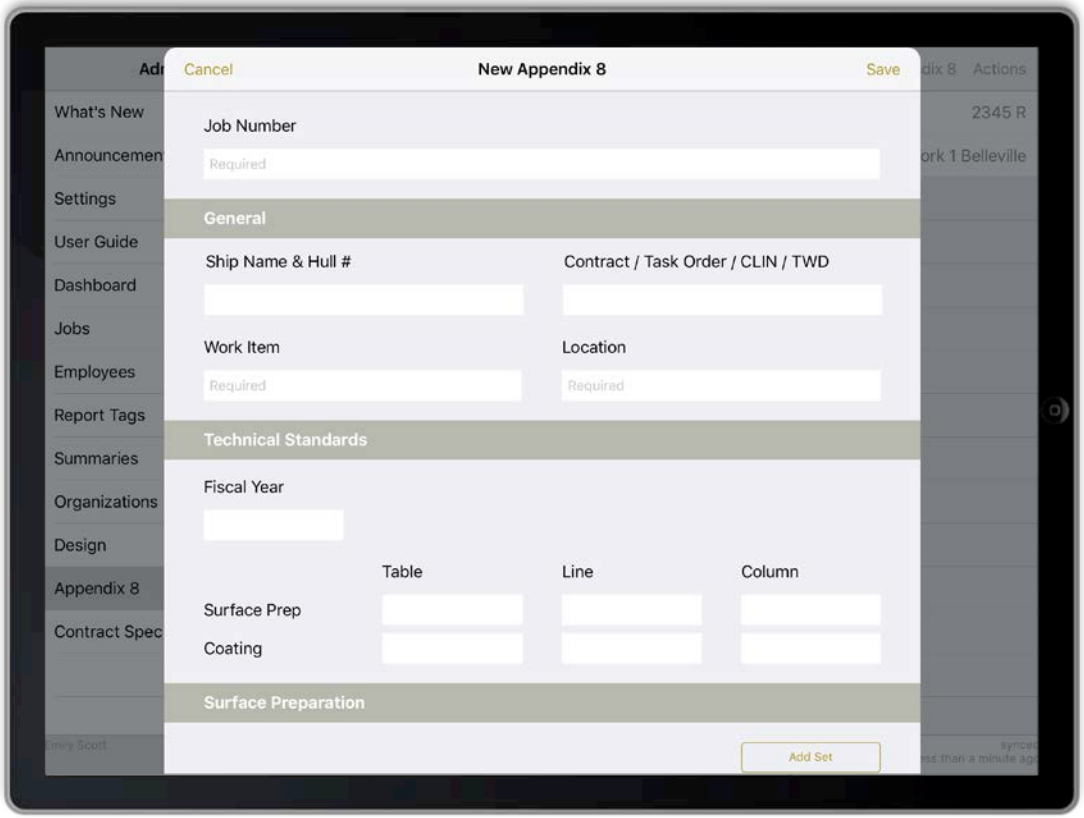
Duplicate Appendix 8



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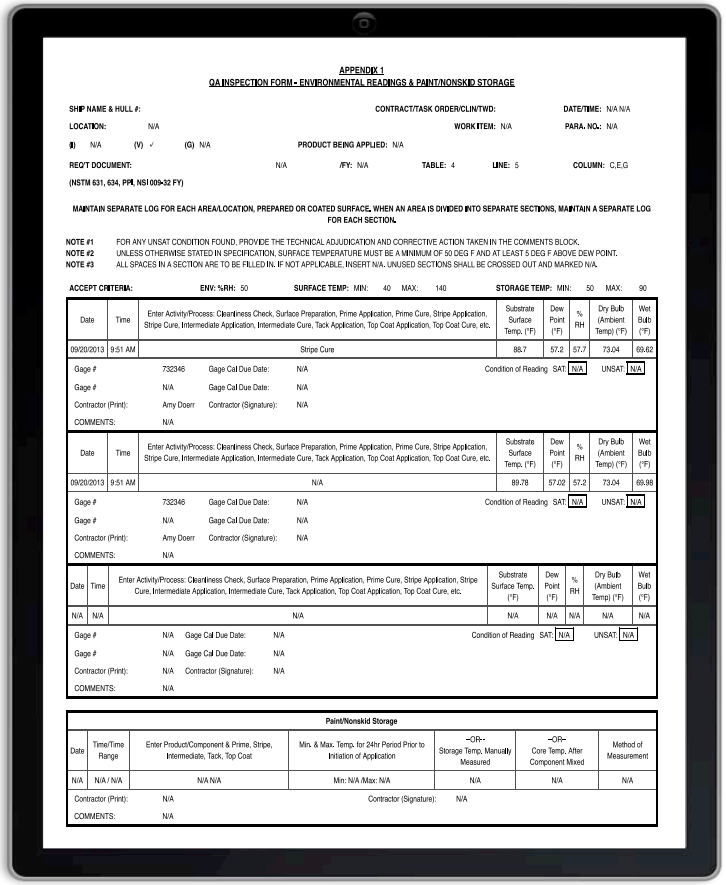
FY 18 change 1 + continuation of readings



APPENDIX 1
QA INSPECTION FORM - ENVIRONMENTAL READINGS & PAINT/NONSKID STORAGE

SHIP NAME & HULL #: | **CONTRACT/TASK ORDER/CLIN/TWD:** | **DATE/TIME:** N/A N/A
LOCATION: N/A | **WORK ITEM:** N/A | **PARA. NO.:** N/A
(I) N/A **(V)** ✓ **(G)** N/A | **PRODUCT BEING APPLIED:** N/A
REQ'T DOCUMENT: N/A /FY: N/A | **TABLE:** 4 | **LINE:** 5 | **COLUMN:** C,E,G
(NSTM 631, 634, PPI, NSI 009-32 FY)

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

NOTE #1 FOR ANY UNSAT CONDITION FOUND, PROVIDE THE TECHNICAL ADJUDICATION AND CORRECTIVE ACTION TAKEN IN THE COMMENTS BLOCK.
NOTE #2 UNLESS OTHERWISE STATED IN SPECIFICATION, SURFACE TEMPERATURE MUST BE A MINIMUM OF 50 DEG F AND AT LEAST 5 DEG F ABOVE DEW POINT.
NOTE #3 ALL SPACES IN A SECTION ARE TO BE FILLED IN. IF NOT APPLICABLE, INSERT N/A. UNUSED SECTIONS SHALL BE CROSSED OUT AND MARKED N/A.

ACCEPT CRITERIA: **ENV: %RH:** 50 **SURFACE TEMP:** MIN: 40 MAX: 140 **STORAGE TEMP:** MIN: 50 MAX: 90

Date	Time	Enter Activity/Process: Cleanliness Check, Surface Preparation, Prime Application, Prime Cure, Stripe Application, Stripe Cure, Intermediate Application, Intermediate Cure, Tack Application, Top Coat Application, Top Coat Cure, etc.	Substrate Surface Temp. (°F)	Dew Point (°F)	% RH	Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
09/20/2013	9:51 AM	Stripe Cure	88.7	57.2	57.7	73.04	69.62

Gage # 732346 Gage Cal Due Date: N/A — Condition of Reading SAT: N/A UNSAT: N/A
Gage # N/A Gage Cal Due Date: N/A
Contractor (Print): Amy Doerr Contractor (Signature): N/A
COMMENTS: N/A

Date	Time	Enter Activity/Process: Cleanliness Check, Surface Preparation, Prime Application, Prime Cure, Stripe Application, Stripe Cure, Intermediate Application, Intermediate Cure, Tack Application, Top Coat Application, Top Coat Cure, etc.	Substrate Surface Temp. (°F)	Dew Point (°F)	% RH	Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
09/20/2013	9:51 AM	N/A	89.78	57.02	57.2	73.04	69.98

Gage # 732346 Gage Cal Due Date: N/A — Condition of Reading SAT: N/A UNSAT: N/A
Gage # N/A Gage Cal Due Date: N/A
Contractor (Print): Amy Doerr Contractor (Signature): N/A
COMMENTS: N/A

Date	Time	Enter Activity/Process: Cleanliness Check, Surface Preparation, Prime Application, Prime Cure, Stripe Application, Stripe Cure, Intermediate Application, Intermediate Cure, Tack Application, Top Coat Application, Top Coat Cure, etc.	Substrate Surface Temp. (°F)	Dew Point (°F)	% RH	Dry Bulb (Ambient Temp) (°F)	Wet Bulb (°F)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Gage # N/A Gage Cal Due Date: N/A — Condition of Reading SAT: N/A UNSAT: N/A
Gage # N/A Gage Cal Due Date: N/A
Contractor (Print): N/A Contractor (Signature): N/A
COMMENTS: N/A

Paint/Nonskid Storage

Date	Time/Time Range	Enter Product/Component & Prime, Stripe, Intermediate, Tack, Top Coat	Min. & Max. Temp. for 24hr Period Prior to Initiation of Application	–OR– Storage Temp, Manually Measured	–OR– Core Temp, After Component Mixed	Method of Measurement
N/A	N/A / N/A	N/A N/A	Min: N/A /Max: N/A	N/A	N/A	N/A

Contractor (Print): N/A Contractor (Signature): N/A
COMMENTS: N/A

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QUESTIONS?

TruQC®