

NAV03

8. Yes No
a. Is the correct procedure readily available to the inspector?
b. Is performance in accordance with the method/set-up of the procedure? (unidirectional vice multidirectional) Yes No
9. Is the inspector qualified? Yes No
10. Is the amperage within the procedure range? Yes No N/A
11. Is the lighting adequate per procedure? Yes No N/A
12. Are correct accept/reject criteria being applied? Yes No N/A
13. Do inspection records indicate heat off date when required? (For 24 hour or 7 day MT)? Yes No N/A
14. Are records of MT performed adequate i.e. inspector and date, joint or piece inspected, equipment used, number and type of defects, repair description? Yes No
15. Is equipment calibration current? Yes No N/A
16. Is material being demagnetized after testing, as required by procedure? Yes No

Liquid Penetrant (PT): Witnessed Review of Records SAT UNSAT N/A

17. a. Is the correct procedure available to the inspector? Yes No
Yes No N/A
b. Is performance in accordance with the procedure?
18. Is the inspector qualified? Yes No
19. Is the lighting adequate per procedure? Yes No N/A
20. Are correct accept/reject criteria being applied? Yes No
21. Is the proper test method being utilized for the type of inspection being performed i.e. Group I for welds, other than Group I for fasteners? Yes No
22. a. Are the penetrant materials used as listed in the approved procedure (cleaners, penetrants, solvent, developer)? Yes No

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b. Are penetrant materials traceable to the certifications? Yes No

23. Are the correct precleaning, penetrant and inspection developer dwell times being used? Yes No

24. Is proper post inspection cleaning of the part performed? Yes No N/A
 Not Observed

25. Are there adequate records of PT performed? Yes No

Radiography (RT): Witnessed SAT UNSAT N/A
 Review of Records

26. a. Is the correct procedure readily available to the inspector? Yes No

b. Is performance in accordance with the method/set-up of the procedure? Yes No

27. a. Is a sketch, drawing, procedure or equivalent record available to show the set-up used to make each radiograph? Yes No

b. Is the sketch, drawing or procedure legible? Yes No

28. Is there a system for positive identification of RT film correlating to the part inspected? Yes No

29. Are the RT location markers maintained on the part to permit coordination with their images on the film? Yes No N/A

30. Is the film viewing facility constructed to exclude objectionable background lighting and contain a film viewed with a cooling device and densitometer? Yes No

31. Are penetrameters correctly identified with lead numbers or engraved strips indicating material thickness? Yes No

32. Are penetrameters permanently identified by material or principal alloy? Yes No

33. Is the correct penetrameter being used? Yes No

34. Are appropriate calculations of source half-life/exposure time being performed? Yes No

35. Are radiographic film storage areas adequate? Yes No N/A

36. Are radiographic film packages adequately maintained? (i.e. torn, wet damaged) Yes No N/A

37. Are all artifacts identified and dispositioned on the reader sheet? Yes No
38. Do RT records contain the following:
- a. Correct penetrameter size used SAT UNSAT N/A
 - b. Correct penetrameter material used SAT UNSAT N/A
 - c. Proper shim material and thickness used SAT UNSAT N/A
 - d. Correct source-to-film distance used SAT UNSAT N/A
 - e. Film density on block image is not greater than 15% of the density in area of interest SAT UNSAT N/A
 - f. Film density (single film viewing) is 1.5 to 4.0 in area(s) to be examined SAT UNSAT N/A
 - g. Film density (double film viewing) is 1.5 to 4.0 in area(s) to be examined SAT UNSAT N/A
 - h. Radiograph(s) show complete coverage SAT UNSAT N/A
 - i. Complete coverage of repaired area(s) SAT UNSAT N/A
 - j. Original radiographs of repaired area(s) included with over-read package if applicable SAT UNSAT N/A
 - k. RSS provided with overread package SAT UNSAT N/A
 - l. Shooting sketch specifies wall thickness of item SAT UNSAT N/A
 - m. Sketch(es) showing location(s), size(s), shape(s) of repaired area(s) included with overread package SAT UNSAT N/A
 - n. Film processing defects and artifacts have been documented on radiographic inspection report SAT UNSAT N/A
 - o. Radiographic Inspection Report has Contractor Approval when required by the purchase order/ contract. SAT UNSAT N/A

Ultrasonic Inspection (UT): Witnessed SAT UNSAT N/A
 Review of Records

39.a. Is the correct procedure readily available to the inspector? Yes No N/A

b. Are performances and methods/set-up in accordance with the procedure? (longitudinal vice transverse) Yes No N/A

40. Is the inspector qualified? Yes No

41. Is a system in place to qualify equipment, including master transducers and calibration blocks? Yes No

42. Is the surface finish of the piece being tested in accordance with the procedure? Yes No N/A

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43. Is the calibration block/s correctly identified by material type and uniquely identified (serialized)? Yes No N/A

44. Is the couplant removed at the completion of testing? Yes No N/A
 Not Observed

45. a. Is calibration checked/rechecked at the beginning and completion of testing? Yes No N/A

b. Is equipment calibration current? Yes No N/A

46. Are inspection records adequate? Yes No

Eddy Current Inspection (ET): Witnessed SAT UNSAT N/A
 Review of Records

47. a. Is the correct procedure available to the inspector? Yes No

b. Is performance in accordance with the procedure? Yes No

48. Is the inspector qualified? Yes No

49. Is the surface finish/configuration of the part adequate to allow free movement of the probe? Yes No N/A

50. Is the calibration standard utilized by material type and uniquely identified? Yes No

51. Is the instrumentation used calibrated as required by procedure? Yes No

52. Is the frequency setting correct for the probe used? Yes No

53. Is the scanning technique and speed in accordance with the procedure? Yes No

54. Are ET rejectable indications being dispositioned properly (i.e. ET rejects verified by MT)? Yes No

55. Are inspection records adequate to meet procedural requirements? Yes No

Visual Inspection (VT): Witnessed SAT UNSAT N/A
 Review of Records

56. a. Is the correct procedure readily available to the inspector? Yes No

b. Is performance in accordance with the procedure? Yes No

c. When applicable, is the correct magnification used? Yes No

57. Is the inspector qualified? Yes No

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58. Are adequate gages and measuring devices available to perform inspection in accordance with the procedure? Yes No

59. Is lighting adequate? Yes No N/A

60. For VT of welds, do inspections and records adequately cover the following:

a. Weld size	Yes <input type="checkbox"/>	No <input type="checkbox"/>
b. Weld configuration	Yes <input type="checkbox"/>	No <input type="checkbox"/>
c. Surface uniformity	Yes <input type="checkbox"/>	No <input type="checkbox"/>
d. Surface cleanliness	Yes <input type="checkbox"/>	No <input type="checkbox"/>
e. Physical defects	Yes <input type="checkbox"/>	No <input type="checkbox"/>
f. Contour of welded and/or ground surface	Yes <input type="checkbox"/>	No <input type="checkbox"/>

61. For VT of items other than welds, are records available? Yes No

Concerns/Comments