

SECTION III – DIVISIONS 1 AND 2

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Interpretation: III-1-13-28

Subject: Division 1, NB/NC/ND/NE/NF/NG-2431.1(b)

Date Issued: July 9, 2013

File: 13-773

Question: Does the requirement that base material conform with the requirements of QW-403.1 of Section IX or QW-403.4 of Section IX, as required by NB/NC/ND/NE/NF/NG-2431.1(b), CC-2612.1.1(b), and WB/WC-2431.1(b), apply only to electroslog filler metals?

Reply: Yes.

NOTE: This interpretation also appears as III-2-13-04 in this document and as III-3-13-02 in Section III, Division 3.

Interpretation: III-1-13-29

Subject: Division 1, NCA-3862.1

Date Issued: July 17, 2013

File: 12-896

Question: Is it the intent of NCA-3862.1(g) to allow a Certificate of Compliance to be provided in lieu of a Certified Material Test Report for 1 in. (25 mm) outside diameter and less tubes (except heat exchanger tubes), tube fittings, and materials for valves with tube end connections?

Reply: Yes.

Interpretation: III-1-13-30

Subject: Division 1, NF-2120

Date Issued: August 21, 2013

File: 12-732

Question (1): Is it the intent of NF-2120 to allow the use of nuts suitable for the mating bolt as stated in the bolting specification in applications covered by Subsection NF?

Reply (1): Yes.

Question (2): Is it the intent of NF-2120 to allow the use of SA-194 and SA-563 nuts with compatible bolts in applications covered by Subsection NF?

Reply (2): Yes.

Interpretation: III-1-13-31

Subject: Division 1, NCA-3862.1

Date Issued: August 21, 2013

File: 13-291

Question: Is it the intent of NCA-3862.1 that the certification of heat analysis of welding material source material must be furnished as an identified attachment to the Certified Material Test Report when all the tests and chemical analyses required by the applicable welding material SFA Specification (NCA-1221.2/WA-1223) and specific welding material requirements of Section III, Division 1, NB/NC/ND/NE/NF/NG-2400; Division 1, NH-2121(g); Division 2, CC-2600; or Division 3, WB/WC-2400 are performed by the Material Organization or Certificate Holder issuing the Certified Material Test Report?

Reply: No.

Interpretation: III-1-13-32

Subject: Division 1, NC/ND-3600, Allowable Limits for Hydrostatic Test

Date Issued: August 21, 2013

File: 13-444

Question: Does NC/ND-3600 provide allowable stress limits for piping systems for hydrostatic or pneumatic testing per NC/ND-6220 or NC/ND-6320?

Reply: No.

Interpretation: III-1-13-33

Subject: Division 1, NB-3226, Testing Limits

Date Issued: August 21, 2013

File: 13-894

Question: Is the intent of NB-3226 to allow the tolerance of 6% for pressure testing without recalculation of resulting stresses for all Class 1 components?

Reply: Yes.

Interpretation: III-1-13-34

Subject: Division 1, NCA-3530 (1992 Edition Through the 2013 Edition)

Date Issued: August 21, 2013

File: 13-1238

Question: May an N Certificate Holder without an NPT certificate provide an N-2 Data Report Form for a replacement disc that has been hardfaced by the fusion welding process when it is to be incorporated into a valve originally stamped by the N Certificate Holder?

Reply: Yes, provided the requirements of NCA-3530 are met.

Interpretation: III-1-13-35

Subject: Division 1, NB-3649 and NB-3681(d) (2010 Edition With the 2011 Addenda)

Date Issued: November 6, 2013

File: 13-1235

Question (1): For fittings not manufactured in accordance with the standards listed in NCA-7100-1, in accordance with NB-3649, may a burst test in compliance with ASME B16.9, with a minimum test pressure equal to that defined in NB-3649, be used to show compliance with the pressure design requirements of NB-3640?

Reply (1): Yes.

Question (2): For fittings not manufactured in accordance with the standards listed in NCA-7100-1, in accordance with NB-3681(d), may experimental analysis in accordance with Appendix II or theoretical analysis be used to develop stress indices and flexibility factors for use in the piping stress equations in NB-3650, provided the test data or theoretical analysis is included in the Design Report?

Reply (2): Yes.

Question (3): For fittings not manufactured in accordance with the standards listed in NCA-7100-1, in accordance with NB-3649 and NB-3681(d), may the theoretical analysis described in NB-3681(d) be performed in accordance with the design by analysis requirements of NB-3200?

Reply (3): Yes.

Interpretation: III-1-13-36

Subject: Division 1, Subsection NC (2010 Edition With the 2011 Addenda)

Date Issued: November 6, 2013

File: 13-1823

Question (1): Does Subsection NC prohibit the construction of plate-type heat exchangers?

Reply (1): No.

Question (2): Does Subsection NC provide specific design requirements for the construction of plate-type heat exchangers?

Reply (2): No.

Interpretation: III-1-13-37

Subject: Division 1, NB-3222.4 and Code Case N-792-1

Date Issued: November 6, 2013

File: 13-1824

Question: Does Code Case N-792-1 require fatigue analysis considering the light water environment to be performed when the conditions of NB-3222.4(d) are satisfied?

Reply: No.

Interpretation: III-1-13-38

Subject: Division 1, NB/NC/ND/NE/NF/NG/NH-5521, NDE Personnel Certification

Date Issued: November 12, 2013

File: 13-1391

Question: In accordance with the requirements of Section III, when the radiographic examination required by Section II, Part C is performed on the welding material test coupon, are the radiography NDE personnel employed by the Material Manufacturer of welding material required to be qualified in accordance with ASNT SNT-TC-1A?

Reply: No.

Interpretation: III-2-13-04

Subject: Division 2, CC-2612.1.1(b)

Date Issued: July 9, 2013

File: 13-773

Question: Does the requirement that base material conform with the requirements of QW-403.1 or QW-403.4 of Section IX, as required by NB/NC/ND/NE/NF/NG-2431.1(b), CC-2612.1.1(b) and WB/WC-2431.1(b), apply only to electroslag filler metals?

Reply: Yes.

NOTE: This interpretation also appears as III-1-13-28 in this document and as III-3-13-02 in Section III, Division 3.

Interpretation: III-2-13-05

Subject: Division 2, Table CC-5200-1 and CC-5232.3.2, Evaluation and Acceptance

Date Issued: August 21, 2013

File: 13-1326

Question (1): Does CC-5232.3.2 require that at least five sets of cylinders be made when five or more batches are planned to be produced in a given concrete mix?

Reply (1): Yes.

Question (2): Does CC-5232.3.2 require that a set of cylinders be made from each batch when the concrete mix produces five or fewer batches?

Reply (2): Yes.

Interpretation: III-2-13-06

Subject: Division 2, CC-2131.3.1, Laboratory Accreditation; CC-2131.4, Personnel Qualification; CC-5211, Laboratory Qualification; CC-5132, Personnel Qualification; and Appendices V and VII (1998 Edition Through the 2010 Edition)

Date Issued: November 6, 2013

File: 13-1237

Question (1): Is it a requirement that a laboratory performing tests required by CC-2200 be an accredited laboratory that complies with ASTM C1077?

Reply (1): Yes.

Question (2): May laboratory testing personnel performing tests required by CC-2000 be qualified using appropriate industry or laboratory standards?

Reply (2): Yes.

Question (3): Is it a requirement that a laboratory performing tests required by CC-5200 be an accredited laboratory that complies with ASTM C1077, except that testing personnel shall be qualified in accordance with CC-5132?

Reply (3): Yes.

Question (4): Is it a requirement that laboratories performing tests required by CC-2200 and CC-5200 in accordance with ASTM C1077 be under the full-time technical direction of a registered professional engineer with at least 5-yr experience in construction materials testing?

Reply (4): Yes.