

Summary of Pending Changes to Revision 5.3 of NTSP Quality Control Manual

Please note: this is a preliminary list of changes to the Quality Control Manual based on B620 and may not be complete. While CAAR makes every effort to ensure the Quality Control Manual is consistent to the Canadian Standards Association requirements, retailers and testing facilities registered with Transport Canada are responsible for ensuring they fully comply with all current applicable standards, including B620-09, and where applicable, B622-09. CAAR strongly recommends that facilities acquire copies of these standards and ensure they are fully versed in and compliant to these standards.

Instructions

1. Text indicated by strikethrough is to be deleted from the QC Manual.
2. Updated text, noted in green font, provided is to be added either in addition to or in place of deleted text where indicated.

Page #	Action	Update	B620-09 Supporting Reference
9	Under definitions, please note the following correction with an excerpt from CSA B620-09:	Hose assembly working pressure (HAWP) — the anticipated working pressure of the hose assembly, which does not exceed the maximum working pressure of the hose assembly's lowest-rated component.	
33 and 35	Under Section 7.2.10.5 [b], please note the exact phrasing for annual hose assembly pressure testing from CSA B620-09 underlined. Supporting reference has been provided.	“...up to 120% of the Maximum Allowable Working Pressure of the hose” the hose hydrostatic test should in fact be conducted at “...120% of the marked <u>Hose Assembly Working Pressure (HAWP)</u> ...”, or following the exceptions, as per section 7.2.10.5[b] of the B620-09 standard (provided)	Excerpt from CSA B620-09: 7.2.10.5 [b] (b) The test pressure shall be the greater of 120% of the marked HAWP of the hose assembly and 518 kPa (75 psi) except that (i) for CSA-certified hose assemblies, it shall be not less than 1552 kPa (225 psi); (ii) for gravity off-load hose assemblies (drop hoses), it shall be not less than 69 kPa (10 psi); (iii) for vacuum hose assemblies on tanks loaded by vacuum, used exclusively for vacuum loading, and marked “vacuum only” in place of HAWP as specified in Clause 7.2.10.6, the test pressure shall not be less than 69 kPa (10 psi); and (iv) the pressure test does not apply to vacuum hoses that are (1) an integral part of a boom assembly or vacuum system on tanks loaded by vacuum; and (2) used exclusively for vacuum loading.
35	Under Section 12.9.2 of the Quality Control Manual, point #14 will be corrected as follows:	a. date <u>month and year</u> the hose was hydrostatically tested; b. the hose test pressure <u>Hose Assembly Working Pressure (HAWP)</u> ; and	
59 and 84	Updates to the External Visual Inspection Form Rejection criteria 7.2.10.4 include:	• Hose assembly bolts missing or loose • Hose couplings show excessive wear or damage • Hose has exposed reinforcement showing • The wire braid is kinked, flattened, or permanently deformed • Hose bulges under pressure or has soft spots when not under pressure • Loose outer covering • Hose serial number or ID and HAWP deteriorated legibly or absent <u>(a) damage to the hose cover that exposes the reinforcement;</u> <u>(b) kinked, flattened, or permanently deformed wire braid;</u> <u>(c) soft spots when not under pressure, bulging under pressure, or loose outer covering;</u> <u>(d) damaged, slipping, or excessively worn hose couplings;</u> <u>(e) loose or missing bolts or fastenings on bolted hose coupling assemblies; and</u> <u>(f) deteriorated legibility or absence of the serial or identification number and HAWP.</u>	

Page #	Action	Update	B620-09 Supporting Reference
59 and 84	Updates to the External Visual Inspection Form Hose markings are displayed as follows (7.2.10.6) include:	<ul style="list-style-type: none"> • Hose tag securely fastened • Letter on tag are not less than 5 mm (0.2 in.) high • The month and year of test and inspection are stamped on tag · The month and year of test and inspection are either stamped on an end fitting or securely attached metal tag or washer · Ensure that letters on tag are not less than 5 mm (0.2 in.) high and depth and location of stamping shall not degrade the pressure rating of the hose · Serial number or identification number and the HAWP 	
70 and 89	Updates to Hose Assembly Annual Inspection and Testing Form under "Part 3: Hose Assembly Inspection and Test", include insertion of test criteria:	<ul style="list-style-type: none"> · The hose assembly does not have damaged, slipping, or excessively worn hose couplings (7.2.10.4 [d]). 	
70 and 89	Updates under "Part 4: Hose Markings" include:	<ul style="list-style-type: none"> • Hose tag securely fastened • Letter on tag are not less than 5 mm (0.2 in.) high • The month and year of test and inspection are stamped on tag · The month and year of test and inspection are either stamped on an end fitting or securely attached metal tag or washer · Ensure that letters on tag are not less than 5 mm (0.2 in.) high and depth and location of stamping shall not degrade the pressure rating of the hose · Serial number or identification number and the HAWP 	