Req uest or	Ref. Clause No./ Annex	Text	Proposed change by the Requestor	Comment (justification for change)
JASI C	B.3.19	B.3.19 Service Life means the maximum time period for which service (usage) is qualified and /or authorized.	B.3.19 Service Life of container means the life time starting with the first day of Proof Pressure Test (B.5.1.2.1/B.6.2.3.1) and ending with the last day of operation.	/ Proof Pressure test day is appropriate as the starting day. This day will be same as the day of manufacture of the Label on container.
JASI C	B.3.20	B.3.20 Date of Removal from Service means the calendar date (month and year) specified for removal from service.	B.3.20 Date of Removal from Service means the calendar date (day, month , and year) specified for removal from service.	/ To make clear the day.
JASI C	B.5.1.1.1	B.5.1.1.1 Baseline Initial Burst Pressure. All containers tested must have a burst pressure within ±10% of BP _O and greater than or equal to 180% NWP. The midpoint BP _O must be greater than 200% NWP to accommodate ± 10% manufacturing variability.	All containers tested must have a burst pressure within ±10% of BP _O and greater than or equal to 225% NWP.	/ BP0 of 200% ± 10% is not enough even for CFRP vessel. / The criterion should exceed 2.1NWP. / 2.25NWP, traditional value (NGV) is appropriate as BP0. / 225% NWP is same as Japanese regulation.
JASI C	B.5.1.1.2	B.5.1.1.2 Baseline Initial Pressure Cycle Life. Three (3) randomly selected new container shall be hydraulically pressure cycled to 125% NWP without rupture for 22,000 cycles or until leak occurs (B.6.2.2.2 test procedure). Leakage shall not occur within the initial number of cycles (#Cycles). For the 15 years service life, the required #Cycles cannot be greater than 11,000, and it could be set by the Contracting Party at a lower number but not lower than 5,500 cycles.	Three (3) randomly selected new container shall be hydraulically pressure cycled to 125% NWP without rupture for four times of the initial number of cycles (4 X (# Cycles)) or until leak occurs (B.6.2.2.2 test procedure).	/ Four times of the initial number of cycles is traditionally used as maximum number of cycles (ANSI/CSA NGV2-2000) / Four times of the initial number of cycles is same as Japanese regulation.

JASI C	B.5.3.1.2	 B.5.3.1.2 Fueling port label: A label shall be provided close to the receptacle, for example, inside a refilling hatch, showing the following information: a) For gaseous hydrogen: Fuel type, NWP, date of removal from service of containers. 	a) For gaseous hydrogen: Fuel type, NWP, date of removal from service of containers. Contracting parties may specify additional labeling requirements.	/ Additional sentence is same as B.5.1.5 (Labeling)
JASI C	B.6.2.2.2	 B.6.2.2.2 Pressure Cycling Test (Hydraulic). test shall be performed in accordance with the following procedure: a) Fill the container with a non-corrosive fluid. b) Stabilize the temperature of the container and fluid at the specified temperature and relative humidity at the start of testing; maintain the environment, fueling fluid and container skin at the specified temperature for the duration of the testing. The container temperature may vary from the environmental temperature during testing. c) Pressure cycle between less than 2 MPa and the target pressure at a rate not exceeding 10 cycles per minute for the specified number of cycles. d) Maintain and monitor the temperature of the hydraulic fluid within the container at the specified temperature. 	c) Pressure cycle between less than 2 MPa and the target pressure for the specified number of cycles. The target pressure shall be hold for 60 seconds or longer.	/ This is same as Japanese regulation.

C	ASI ;	B.6.2.3.2	B.6.2.3.2 Drop (Impact) Test (Unpressured). Following the drop impact, the container that has been subjected to the 45° impacts should then be subjected to further testing as specified in B.5.2.2. The container(s) subjected to horizontal and vertical drop impacts, if different from the container subjected to a 45° drop impacts, should be subjected to 1000 hydraulic pressure cycles at 20 (±5)°C per the test procedure defined in B.6.2.2.2.	drop impacts, should be subjected to hydraulic pressure cycles same as the initial number of cycles (# cycles) at 20	and vertical drop impacts should be confirmed.
J,	ASI ;	B.6.2.5.2	B.6.2.5.2 Engulfing fire test: Use a uniform fire source that is 1.65 meters long (65 inches). Beginning five minutes after the fire is ignited, maintain an average flame temperature of not less than 430 degrees Celsius (800 degrees Fahrenheit) as determined by the average of the two thermocouples recording the highest temperatures over a 60 second interval	Please find attached file.	/ Description of the test procedure same as NGV

JASI	B.7.1.3 Verification Tests for Consistency of the	B.7.1.3 should be moved to a part of	This is not type approval
С	Qualification Batch	B.5.1.2	requirements but a part of
	If #Cycles (established in B.5.1.1.2) is less than	(Hydraulic sequential tests)	verification test.
	11000, then the pressure cycle life, PCL, (number of		
	cycles until leak) of each container tested in		
	B.5.1.1.2 shall be recorded. The manufacturer will		
	supply documentation to establish the midpoint		
	pressure cycle life of new storage containers, PCL _O .		
	If PCL ₀ is less than 11,000, or if the PCL any of the		
	three containers tested is less than 11,000 and not		
	within $\pm 25\%$ of PCL _O , then three (3) containers will		
	be required to undergo the testing in B.5.1.2, the		
	Durability Performance (Hydraulic) Tests. If the		
	PCL of each container greater than 11,000 or is		
	within \pm 25% of PCL _O , then one (1) container will		
	be required to undergo testing according to B.5.1.2.		

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B.6.2.1.5 Coating test. For containers with extern environmental coatings, coatings shall be evaluate as follows: a) adhesion strength based on ISO 4624; the coating shall exhibit an adhesion rating of 4 b) flexibility based on ASTM D522 Method with a 12.7 mm mandrel at the specific thickness at -20C; the coating shall exhibit no apparent cracks c) impact resistance in accordance with AST D2792. The coating at room temperatu shall pass a forward impact test of 18 J. d) water exposure based on ASTM G154 using an exposure of 1000 hours. There shall the note evidence of blistering. The adhesion shall meet a rating of 3 when tested accordance with ISO 4624. e) salt spray exposure in accordance with AST B117 using an exposure of 500 hours. The shall be note evidence of blistering. The adhesion shall meet a rating of 3 when tested in accordance with ASTM D3359.	It is necessary to define the applicable container. This test is expected to be applied to seamless steel containers. Be de it with the de it with the decoration of the deco