INSTITUTE OF INTERNATIONAL CONTAINER LESSORS

IICL Technical Bulletin TB 013 – July 1, 2016

Title: IICL 6 Inspection Criteria

Reference: **Effective 1 August 2016**, a new dry van inspection standard, IICL-6, will supersede the current IICL-5 dry van inspection criteria.

On this same date, the Common Interchange Criteria (CIC) will be also be superseded by IICL-6 for all IICL members.

In the fall of 2016, the Guide for Container Equipment Inspection - Sixth Edition (IICL-6) will be published.

In the period from 1 August 2016 until the new guide is available, please reference the attached tables to identify the IICL-6 changes. Inspection criteria for all other components not referenced in the table will remain unchanged from IICL-5.

Also included is a hyperlink IICL 6 Measurement Technique to our revised “measurement technique”. This is also offered as a reference guide on how to properly measure various container components.

Dry Van Inspection Comparison Table

	Component	IICL 5	CIC	IICL 6	Reason/Comments
1	Flat bar top side rail	25 mm	30 mm	**30 mm**	Same as IICL5 for tube top side rail
2	Front headers	25 mm	40 mm	**35 mm**	Same as rear headers and other dents
3	Rear headers	35 mm	40 mm	**35 mm**	Same as all other dents
4	Front & rear corner posts	25 mm single dent. If 2 dents or more, 15 mm dent.	20 mm Any number of dents.	**20 mm** **Any number of dents.**	Reduces repairs without compromising structure
5	All side & front panels	35 mm dents (in or out)	35 mm internal cube intrusion	**35 mm internal cube intrusion**	Ease of measurement
6	Door panels	35 mm dents (in or out)	35 mm internal cube intrusion	**35 mm internal cube intrusion**	Ease of measurement
7	All roof panels	35 mm dents (in or out)	50 mm internal cube intrusion	**40 mm internal cube intrusion**	Reasonable internal cube intrusion, minimizes commercial concern
8	Flooring height difference	5 mm	10mm	**5 mm**	
9	End frame (ISO tolerance)	As per below:	As per below:	**As per below:**	
9. A	Corner posts	ISO + 5 mm all faces (5mm beyond corner fitting end face)	ISO + 5 mm on end face	**ISO + 5 mm on end face**	No difference
		ISO + 5 mm all faces (5mm beyond corner fitting side face)	ISO + 10 mm on side faces	**ISO + 10 mm on side faces (10mm beyond corner fitting side face)**	No vessel stowage operational issues with 10 mm on side faces
9. B	Doors, headers, sills	ISO + 5 mm on end face (5mm beyond corner fitting end face)	ISO + 5 mm on end face	**ISO + 5 mm on end face**	No difference

Dry Van Inspection Comparison Table (Continued)

	Component	IICL 5	CIC	IICL 6	Reason/Comments
10	Entire container (ISO tolerance)	As per below:	As per below:	**As per below:**	
10. A	Side panels - outward	ISO + 10 mm (10mm beyond corner fitting side face)	30 mm measured in an outward direction from an outward recessed corrugation	**30 mm measured in an outward direction from an outward recessed corrugation**	Equivalent to ISO + 20 mm measured in an outward direction from an outside recessed corrugation. No vessel stowage operational issues at ISO + 20 mm
10. B	Roof panels - upward	ISO + 4 mm (4mm beyond corner fitting top face)	50 mm measured in an upward direction from the upper faces of the top side rails to an outward recessed corrugation	**40mm measured in an upward direction from the upper faces of the top side rails to an outward recessed corrugation**	Standardize roof dent in/out criteria
10. C	Front panel – outward	ISO + 5 mm (5mm beyond corner fitting end face)	15 mm measured in an outward direction from an outward recessed corrugation	**15 mm measured in an outward direction from an outward recessed corrugation**	
NOTE: All other component criteria to remain unchanged from IICL 5 inspection tables.					

IICL 6 Dry Van Inspection Table Revisions

	Component	Component Revisions Table Reference	Reason/Comments
1	Flat bar top side rail	**30 mm - Table 5.1**	Same as IICL5 for tube top rail
2	Front headers	**35 mm - Table 5.1**	Same as rear headers and other dents
3	Rear headers	**35 mm - Table 5.1**	Same as all other dents
4	Front & rear corner posts	**20 mm - Table 5.2** **Any number of dents.**	Reduces repairs without compromising structure
5	All side & front panels	**35 mm internal cube intrusion - Table 5.3**	Ease of measurement
6	Door panels	**35 mm internal cube intrusion - Table 5.4**	Ease of measurement
7	All roof panels	**40 mm internal cube intrusion - Table 5.5**	Reasonable internal cube intrusion, minimizes commercial concern
8	Flooring height difference	**5 mm - Table 5.6**	
9	End frame (ISO tolerance)	**As per below - Table 5.8**	
9. A	Corner posts	**ISO + 5 mm on end face** (5mm beyond corner fitting end face)	No difference
		ISO + 10 mm on side faces (10mm beyond corner fitting side face)	No vessel stowage operational issues with 10 mm on side faces
9. B	Doors, headers, sills	**ISO + 5 mm on end face** (5mm beyond corner fitting end face)	No difference
10	Entire container (ISO tolerance)	**As per below - Table 5.8**	
10. A	Side panels - outward	**30 mm measured in an outward direction from an outward recessed corrugation**	Equivalent to ISO + 20 mm measured in an outward direction from an outside recessed corrugation. No vessel stowage operational issues at ISO + 20 mm
10. B	Roof panels - upward	**40mm measured in an upward direction from the upper faces of the top side rails to an outward recessed corrugation**	Standardize roof dent in/out criteria
10. C	Front panel – outward	**15 mm measured in an outward direction from an outward recessed corrugation**	
NOTE: All other component criteria to remain unchanged from IICL 5 inspection tables.			

1120 Connecticut AVE NW, Suite 440, Washington, DC 20036-3946 USA
telephone: 202 223-9800 fax: 202 223-9810
Website: www.iicl.org