



IICL TB 009, March 2011

Title: Crossmember / Forkpocket Member Lower Flange Downward Bow Criterion

Reference: This new criteria will address the downward bow of the lower flange of crossmembers for dry vans and open top containers.

Clarification:

Due to variations in the positioning of understructure components, the IICL lower ISO limit equal to the plane of the bottom faces of the lower corner castings and the corresponding IICL 10mm (3/8 inch) downward bottom flange deflection reference dimension sometimes come into conflict.

To eliminate this conflict, the dry van and open top IICL criteria for the understructure lower ISO limit has been eliminated and replaced with a downward lower flange deformation limit of 15mm (19/32 inch) or any deformation below the plane of the bottom faces of the corner castings. REPAIR is required when the damage exceeds either one of these two criteria. These limits apply in all cases and are independent of the original factory placement of the understructure components.

Table 5.7 – Understructure Inspection Criteria – in the Guide for Container Equipment Inspection (Fifth Edition)

APPENDIX C – Tolerance Limits for Damage (ISO and IICL Tolerances) - **REVISION**

<u>Components</u>	<u>IICL + ISO Damage Limits</u>
Crossmembers, outriggers forkpocket	Downwards: Any downward bow/deformation greater than
Sides and gooseneck tunnel rails	15mm (19/32 inch) or if below the plane of the bottom face of the corner casting, REPAIR

Table 5.7 – Understructure Examples of Damage Conditions in the Guide for Open Top Container Equipment Inspection.

In addition this criterion will also supersede Section 4.8.6 and 4.8.6.2 and figure 4.30 of the Guide for Container Damage Measurement.



Criteria:

Component

Crossmember and
Forkpocket member
Lower flange

Condition

Downward bow/
deformation

Action Required

Any downward bow/deformation greater than 15mm (19/32 inch)
or if below the plane of the bottom face of the corner casting,
REPAIR

NOTE: No lower flange is permitted to exceed the bottom face of the lower corner casting.

IICL TB 009 was prepared under the supervision of the IICL Technology Committee.