

IICL - TB 015, June 29, 2018

Title: IICL Corner Fittings Inspection Criteria.

Reference: This technical bulletin (TB –015) addresses the inspection of corner fittings for dry van, reefer, flat rack and open top containers.

Purpose:

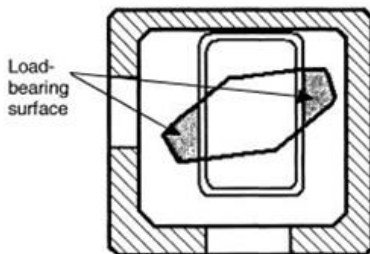
Provide additional guidance and clarification to assist in the proper inspection of corner fittings and the assessment of damaged conditions. This bulletin applies to dry van, reefer, flat rack and open top containers.

Component – Corner Fittings and their weld attachments.

The following damage conditions are not acceptable and require action:

- Cracked, loose, torn, broken, missing corner fittings.
- Any deformation of the fitting that precludes or compromises full engagement of the securing or lifting of the fitting.
- Any deformation that alters the aperture size or shape such that a twist lock cannot enter the corner fitting.
- Any deformation that reduces the amount of material in the load bearing area of the twist lock.
- Any damage that affects the integrity of the corner fitting welds to any adjacent component.
- Any damage that compromises the corner fitting strength in the load path between the twist lock bearing area, corner post, side or end rail welds.
- Any attempted repair performed to the corner fitting other than replacement or re-welding to the adjacent components.

Action – REPAIR the corner fitting by REPLACEMENT





Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – aperture shape and size altered



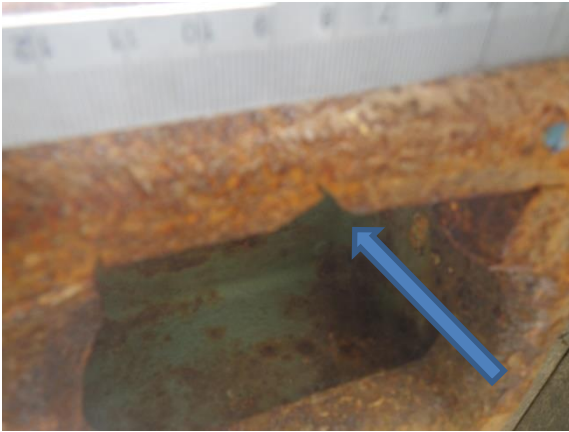
Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – torn material



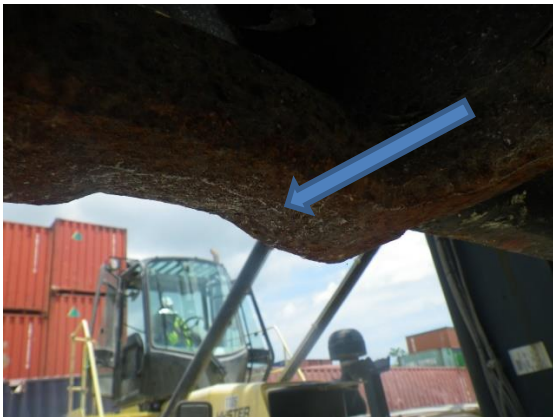
Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – torn material



Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – aperture shape and size altered



Action – Replace corner fitting – aperture shape and size altered



Action – Acceptable condition – no repair required – gouges do not affect aperture or welds



Action – Acceptable condition – no repair required – gouges do not affect aperture or welds



Action – Acceptable condition – no repair required – gouge does not affect aperture or welds



Action – Acceptable condition – no repair required – gouge does not affect aperture or welds

End.