

Latest update on the Palletwide and Cleaning 3rd Ed. manuals.



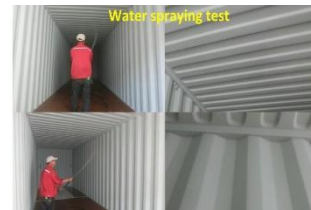
Final editing continues on both manuals and release is now planned in the second quarter pending developments of the coronavirus situation. Work is in progress to create an IICL Genset manual.

Floor Omega Design progress

The IICL Technology Committee has been working to finalize the improved base design of containers to be built with the Floor Omega design. The IICL received strong encouragement from ocean carriers that are willing to join our members on a back-to-back production run to be coordinated with the container manufacturers. If your company is also interested in building units with the omega floor design please contact: technical@iicl.org

Soon we will have more updates on this project. Stay tuned.

IICL Releases a humidity test for water borne paint.



IICL members have been performing humidity tests on containers painted with waterborne paint for many years however companies were using slightly different methodologies. Aiming to facilitate the process and standardizing the test, the IICL issued the Technical Bulletin 019 (<https://www.iicl.org/technical-documents/dry-van-technical-bulletins/>) with recommended practices to perform the test. The objective of the water test procedures is to assist quality control inspectors in assessing the application of the water-based paint on the interior of containers. The test procedures were created for new build containers at the container factories. The use of water and the high humidity created by the test will help to expose areas where the paint layers have not dried sufficiently becoming vulnerable to flash rust. In parallel, the test will assist to show and highlight voids, pinholes, cracks and low dry film thickness areas. Paint suppliers assisted our members in the development of the bulletin. The humidity test was endorsed and adopted by the Container Owners Association – COA.

MEMBER COMPANIES



IICL soon to provide its Inspector's container exam in Spanish.

The IICL has been working to provide the Container Inspector Certification also in Spanish language. Candidates will have the opportunity to decide at the time of registration whether they want to take the exam in English or Spanish, once the choice is made it can not be changed. The Spanish version of the exam has 102 questions, two more than the English version. The reason for the additional questions is that candidates are still required to know the name of the container components in English and will have to match some of the component names in Spanish with the name in English. The IICL would like to acknowledge the assistance of Marcello Goncalves (IICL Dry Van Trainer in Latin America) in developing the Spanish version of our exam. We will closely monitor the implementation and progress of our exam in a new language towards expanding the language choices in the future.



Fill the blanks challenge.

The maximum length of any crack, fracture, cut or tear that may be welded is _____, and the maximum width of separation is _____.

A crack, fracture, cut or tear may not be welded if it penetrates more than ____% of the height of a rail, crossmember or another horizontal structural component.

The IICL TB 016 addresses the changes on “how to measure” _____ (component name).

The IICL – Institute of International Container Lessors was established in the year _____.

Crossmembers in the tunnel area are called _____, which extend from the bottom side rails to the tunnel rails.

Rear lower corner fittings are engraved with _____.

_____ criteria are commonly used to measure damages such as dents or bows.

_____ damage criteria are commonly used for out-of-ISO and into-cube damages.

The typical thickness of a front corner post is _____ and the usual thickness of floorboards is _____.

2020 IICL Training Courses



Simone Di Tardo



Marcello Goncalves



Leonardo Gimenez



Livorno, Italy and Santo Domingo, Dominican Republic.



Presently courses are suspended pending the developments of the coronavirus.



Reefer frame study.



The IICL recently conducted a thorough study of coating performance on refrigerated container frames. Physical inspection of hundreds of refrigerated containers in various ports around the world were performed and data analyzed. Data is used by members to support their individual choices of coating methods.

IICL member has its Floorboard Base Enhancement nominated for at the Lloyd's Loading List Global Freight Awards.

Our member CAI was recently nominated for a Global award for its R&D to reduce damage to floorboards.

The Floorboard Base Enhancement (FBBE) is an engineered design, presently unique to CAI's containers, to reduce repair costs and increase operating time. Our member examined dry freight containers and realized that a significant portion of costly floor repairs could be prevented. The study allowed the design of the base enhancement scientifically.

After detailed data analysis taking into consideration several operational aspects such as:

- ✓ the most frequent locations where damages occur
- ✓ load cycles
- ✓ forklift traffic path inside the containers
- ✓ frequent damage and repair locations
- ✓ type of damages
- ✓ etc.

The enhanced design was placed into production in 2013 with the goal to create a container base assembly that resisted premature failure, making the improved container able to withstand more use with less wear over the life of the asset. Less equipment idle time and lower maintenance costs. Our member reports that recent data analysis showed significant reduction on floor repairs compared to the traditional designs, reassuring that objectives of their study are being met.

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Open Letter to the Container / Chassis Leasing and International Container Transportation Community

We at the IICL, share the concerns about the Coronavirus (COVID-19) pandemic that is currently affecting all of us, both personally and professionally.

International transportation supply chains succeed on efficient inter-connectability and cargo flows. When disruption happens such as this outbreak, the impact will be felt on human, social and economic levels. Like each of you, we understand that we share a responsibility to protect our families, communities and the flow of essential commodities.

We would like to reassure you that, despite the current global challenges, IICL member companies have taken measures to continue providing their services, including employees working from decentralized home locations, when necessary. The Institute's staff is currently teleworking but fully operational and available to provide services, where permitted and respond to any questions you might have.

We have posted, on the IICL website, updates for the IICL education, certification and publication/tools services including:

- **Extension of the container and chassis inspector certification proctored exams availability through 30 June 2020, recognizing that individual test centers may be periodically closed during this timeframe resulting from local COVID-19 restrictions.**
- **IICL manuals and tools shipments may experience delays due to scheduling restrictions.**
- **Online courses including container examination preparation and Convention for Safe Container (CSC) remain accessible on demand.**
- **IICL face-to-face courses for dry-van containers, refrigerated containers, and chassis have been suspended until such time as it is safe to again conduct the courses.**

We would like to express our deepest gratitude to all people around the world who serve those in need and wish all of you good health and a speedy return to normal.

Respectfully,

The IICL Team
