

Clarification on the Worldwide Legislation for the Transport of Dangerous Goods

Consequences on Steel Specification

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CONSEQUENCES ON STEEL SPECIFICATION

THE INTERNATIONAL CONTEXT

Steel drums producers and even much more so Steel drums users are very often part of worldwide companies and/or organisations

Due to their high performance, Steel drums are the first choice packaging for transporting dangerous goods all over the world.

As such a large majority of the drums produced must be specified, tested and marked according to the UN Recommendations

THE TRANSPORT REGULATION and THE STEEL SPECIFICATION.

The United Nation ORANGE BOOK sets up the worldwide recommendations for the transport of dangerous goods, which include the requirements to be fulfilled by a package in order to obtain the UN certificate for the transport of dangerous goods.

All Worldwide and European Legislations for the transport of dangerous goods are following the UN Orange book.

As an example one can see that the performances requirements as defined in the Orange Book are applied in worldwide and European legislations, like IMDG, IATA, ADR, etc.

Regarding the specification for steel, the Orange book as well as: ADR, IMDG, IATA... specify that the drums must be made of steel according to the International Standard ISO 3574. This standard concerns the steel composition and will refer to ISO 16162 (2005) for dimensional and shape tolerances.

AS A RESULT ALL SEFA MEMBERS PRODUCE DRUMS MADE OF STEEL COMPLIANT WITH ISO 3574 AND ISO 16162.

Note: Several national or regional standards for steel exists, they are mostly complying with ISO 3574. Small variations may exist and in view of the above the steel in our packaging must comply with the ISO standard as laid down in the International legislations on the TDG.