# EXCERPTS THAT APPLY TO CRANE SUSPENDED PERSONNEL PLATFORMS

(From ASME B30.23)

As ASME is a private organization (not a government entity) that has created standards, the standards themselves are copyrighted. However, a large number of corporations and entities, have adopted their standards into their own safety programs. Even the government has chosen to adopt some standards created by ASME. However, ASME B30.23, which dictates the use of crane suspended personnel platforms, falls under the copyrighted information of ASME and must be purchased. We strongly suggest doing so if you operate suspended personnel platforms in locations or scenarios where they require ASME compliance. For a full view of the ASME standards, they can be located and purchased at the following website:

https://www.asme.org/codes-standards/find-codes-standards/b30-23-personnel-lifting-systems

Here are some of the highlights that differentiate ASME's standard from OSHA's crane suspended platform code in the platform's design, construction, and manufacturer testing. The items below are not a full list and ASME's codes must be interpreted appropriately to ensure full compliance if required. In addition, the list below does not include any differences there may be in user's testing or operation of the suspended personnel platform.

## ASME B30.23 vs OSHA Significant Design Differences

- **Platform Rating:** ASME has a minimum platform rating of 300 lbs.
- **Rail Rating:** ASME requires both the intermediate and top rail to be capable of a 300 lb concentrated load at any point (vs OSHA's 200 lb top rail and 150 lb intermediate rail requirement)
- **Anchorage Points:** ASME has a 3600 lb static load requirement for anchorage points (vs OSHA's 5000 lb requirement). It also includes requirements on anchorage point marking.
- **Flooring:** ASME requires a slip-resistant floor that shall have no opening that will allow a 0.5" sphere to pass through
- **Identification Plate:** ASME has additional requirements to be listed on the data plate, including suspension system description and certification to the design, construction, and testing to ASME requirements
- **Suspension System:** ASME does not allow synthetic or natural fiber rigging. In addition ASME requires each leg of the rigging assembly to be individually tagged.
- **Overhead Protection:** When equipped with overhead protection, ASME requires no openings that would allow a sphere of greater than 0.5" to pass through.
- **Weatherproof Compartment:** ASME requires either a weatherproof compartment for Operator Manual storage, or a weatherproof Operator Manual placard displayed
- **Lifting Eyes:** ASME requires suspension attaching points on the platform be subjected to non-destructive testing by manufacturer