

How to use the lifting lugs of the energy storage box

What are container lifting lugs?

2.0 Standards and Legislation. Container lifting lugs are classified as lifting accessories and fall within the scope of The Supply of Machinery (Safety) Regulations 2008. Once in service container lifting lugs fall under the Provision of Use of Work Equipment Regulations (PUWER) and the Lifting Operations and Lifting Equipment Regulations (LOLER).

How does a container LUG work?

The connection of a container lug is always by means of a key that is inserted into one of the slots of an ISO container box. The key is then rotated through 90 degrees, such that it cannot be pulled out of the slot in the opposite direction to which it was inserted without rotating it.

How to connect container lugs to the crane?

To connect the container lugs to the crane, use of other lifting accessories will be required and the type will depend on the type of lug being used, as the following sections will explain. 3.3.1 Attaching the top container lugs to the load and crane. The method of connection to the load is generally as described in 3.3.

Are container lifting lugs safe?

General Guidance to the Safe Use of Container Lifting Lugs. 1.0 Introduction. Container lifting lugs are supplied in a variety of forms which offer the user a versatile and safe means of connecting a container to the lifting appliance. That is providing they are used in the correct manner and dangerous lifting practices are avoided.

How do sling lugs work?

Their shape allows them to be fitted into the ISO corner box side slot. Once fitted they are usually attached to one leg of a 2 leg sling. The lug is rotated in the ISO corner box to the angle of the sling and a spring loaded pin locks it in place, see figure 2 for a typical example.

Do lifting container lifting lugs need to be inspected?

All lifting container lifting lugs fall within scope of LOLER and PUWER, which require the lugs to undergo routine inspection, maintenance and thorough examination, as the following section explain.

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