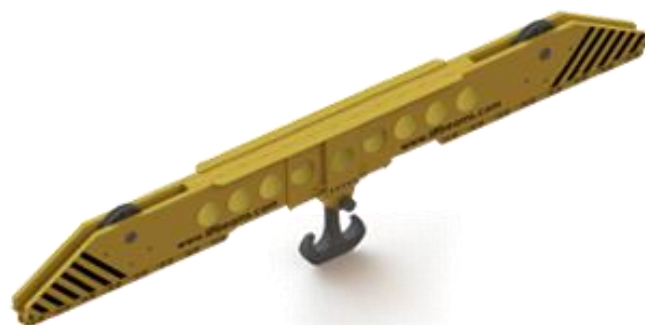


USAGE AND SAFETY INSTRUCTIONS FOR LIFT BEAMS



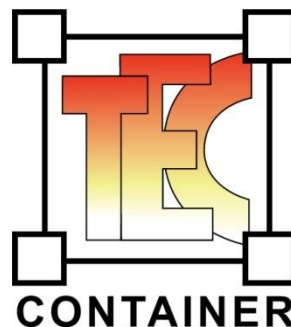
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WARNING

To ensure proper lifting and to avoid injuries:

- Never Apply more force than the SWL.
- Ensure that Tare + Load is never more than the capacity of the crane.
- Only qualified operators should use this lifter.
- Lifter must be visually and mechanically inspected before use.
- Any modifications / repairs should be made by qualified personnel.



Identified	Preventive Measures
Cargo Falls	<p>Suspend the suspension beams from the lashing points indicated for this purpose</p> <p>Do not use the beams in case deteriorated or defective material is detected.</p> <p>The auxiliary elements of elevation will have locking devices to avoid involuntary unlashng of the cargo</p> <p>Use suspension elements according to the following rules and regulations:</p> <p style="padding-left: 40px;">EN 818-4 EN 818-5 EN 13414-1 EN 1492-1 EN 1492-2</p> <p>Cargo well secured</p> <p>Shackles and slings well secured</p> <p>Suspend the cargo from above its gravity center</p> <p>Avoid abrupt stops and jerks while using the beam</p> <p>Do not draw the cargo obliquely</p>

Stability	<p>Maintain the suspension beam perfectly fastened, supported or suspended.</p> <p>Maintain the horizontal of the suspension beam. Maximum inclination 6°</p> <p>Suspend the cargo from above its gravity center.</p> <p>Store the suspension beam in a horizontal position.</p>
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Identified Risks**Preventive measures****Crushing/injuries**

- Maintain the visibility while operating with the equipment
- If not possible, use signalling operators
- Do not stay below suspended cargo
- Mark with buoys the working area
- Do not enter the working area unless you are an operator
- Pay attention to the suspension beam when elevated, both when it goes with cargo and when not.
- Do not store and position the suspension beam in a vertical position.
- Mind injuries of hands and feet while mounting or demounting the beam.

Incorrect positions

- Suspend and manipulate the beam by the rings. Do not take by hand
- Mind the ergonomics principles
- Make sure the beam is suspended with the cargo already secured
- Do not exceed the allowed SWL.

Collisions

- Take care the equipment does not collide against persons or objects.
- Avoid abrupt stops and jerks while operating it.
- Watch carefully the suspension beam when elevated, both when loaded and when not.

Falls at the same level

- Maintain the working area clean and clear
- Always pay attention to the position of the suspension beam

Falls from different levels

- Do not use the beam to transport people
- To manipulate cargo above 2m high, use harness or take prevention measures.

SECURITY EQUIPMENT

The operators must wear the obligatory security equipment throughout the whole operation (use harness when necessary)

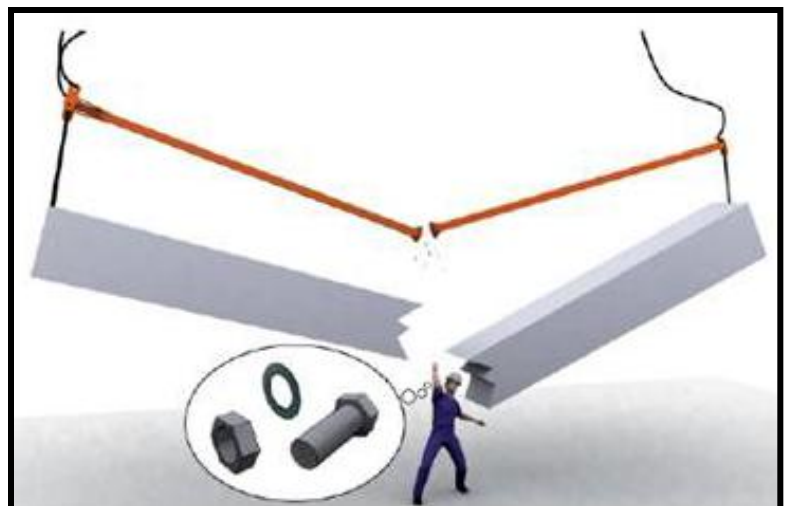
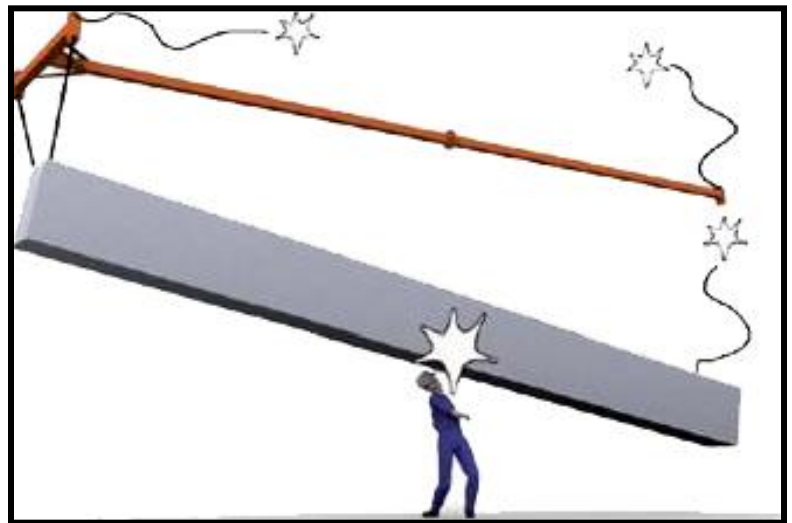


CHECK – UP BEFORE OPERATIONS

Before operation, the state of the elevation elements (shackles, slings, wires, hooks, hammerlocks) must be checked always. If they are not in perfect conditions, they must be replaced by new ones.

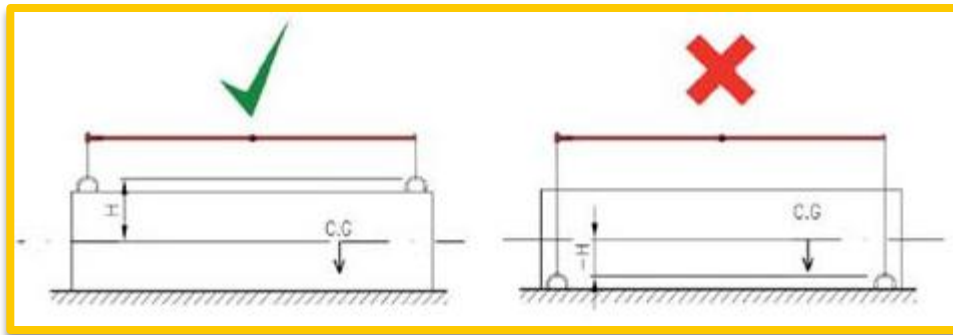
The elevation elements must comply with the following rules and regulations:

- EN 818-4
- EN 818-5
- EN 13414-1
- EN 1492-1
- EN 1492-2

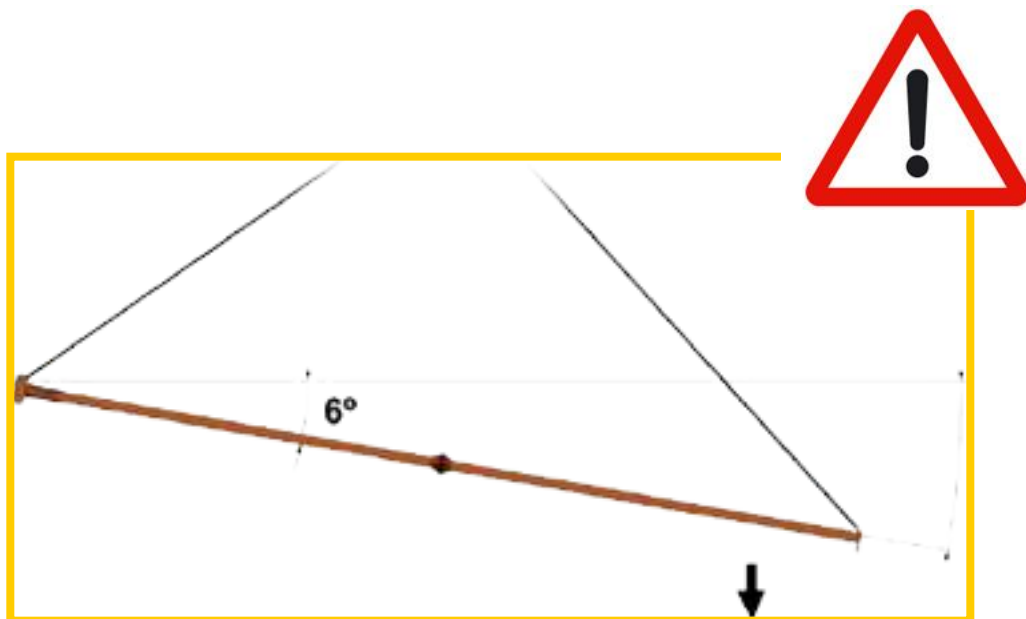


CARGO STABILITY

Avoid lack of stability of the cargo. For this, do not EVER suspend it from below its gravity center.

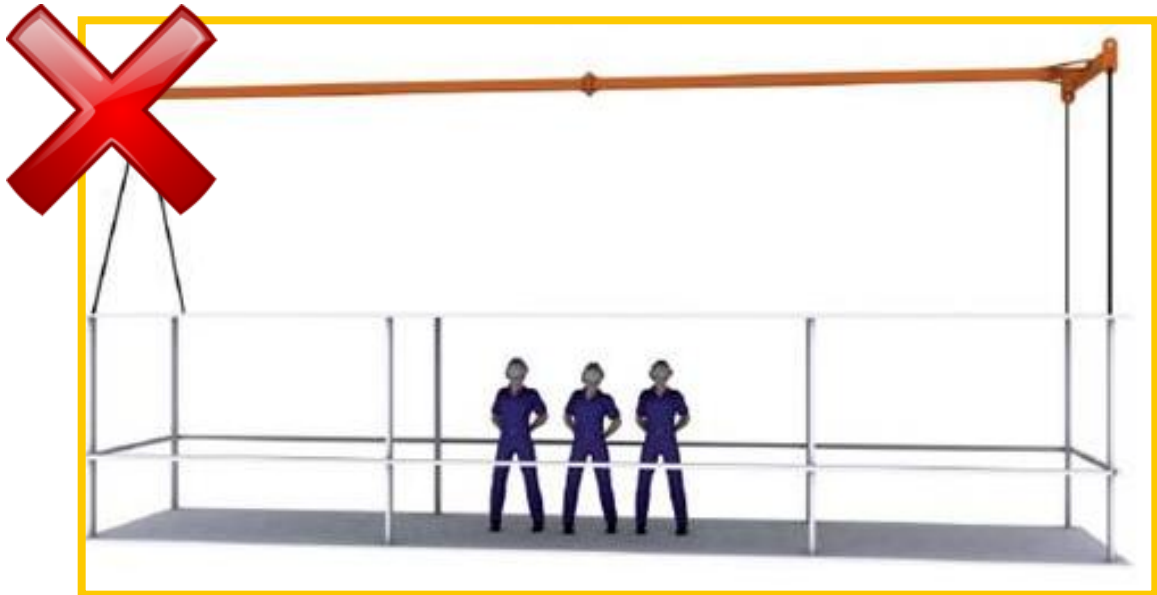


The cargo, UNLESS THE CONTRARY IS INDICATED, must be balanced. The beam **cannot exceed 6° inclination with respect to the horizontal.**

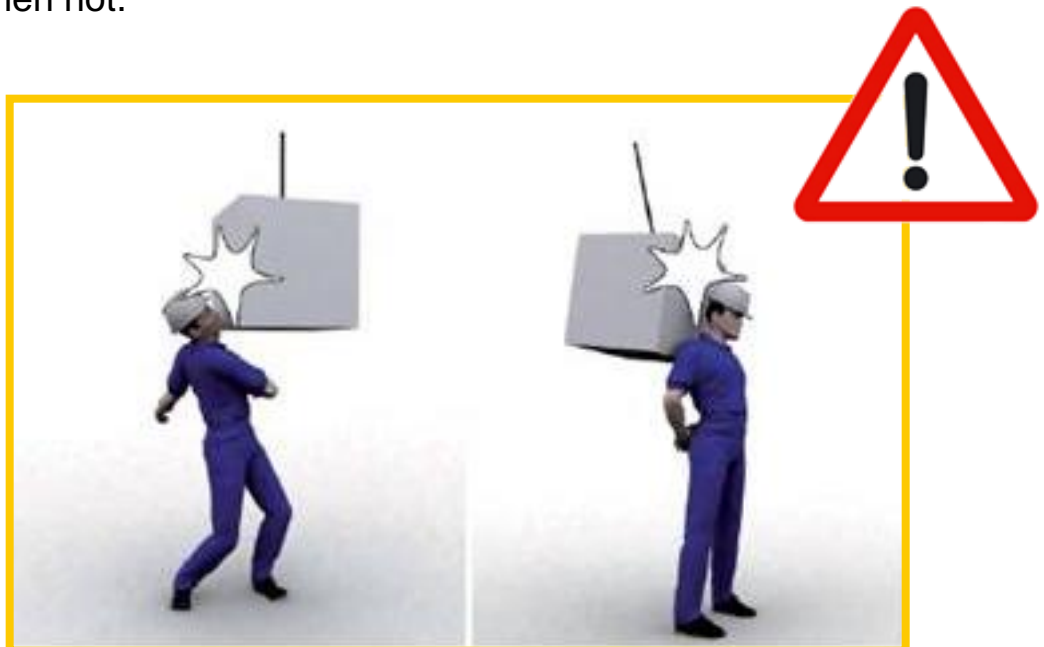


OPERATIONAL PROCEEDINGS

The elevation of people with the beams is **strictly** forbidden.



The personnel who manipulates the **beam** must **be always ATTENTIVE** to the **situation of the beam**, both when loaded and when not.





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Please send your inquiries about LIFTING EQUIPMENT to:

info@liftbeams.com

TEC CONTAINER S.A.
C/Tajo 19, P.I. "Las Acacias"
28840 – Mejorada del Campo
Madrid - SPAIN

