

# Shock Loading

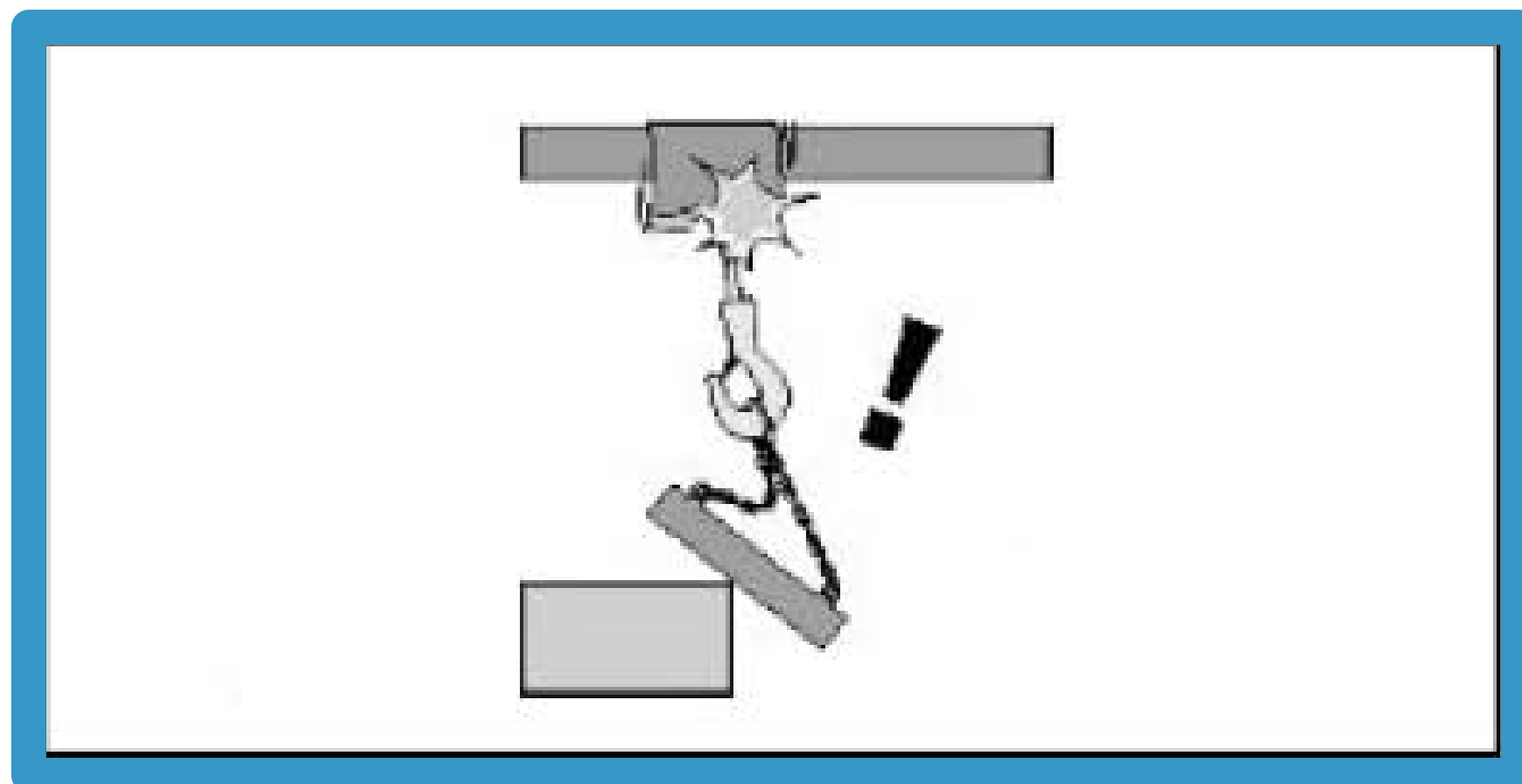


***Shock loading can occur in any situation where the load on the crane or lifting device suddenly increases or decreases.***

Most cranes aren't designed to withstand sudden increases or decreases in the apparent weight of the load. Some examples of shock loading are:

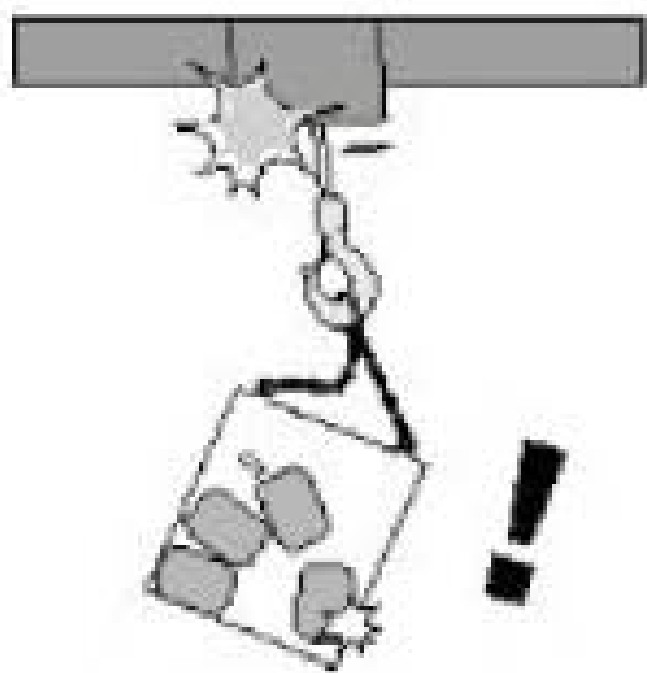
## ***Change of Load Balance***

A change in load balance can suddenly pull on the hoisting rope.



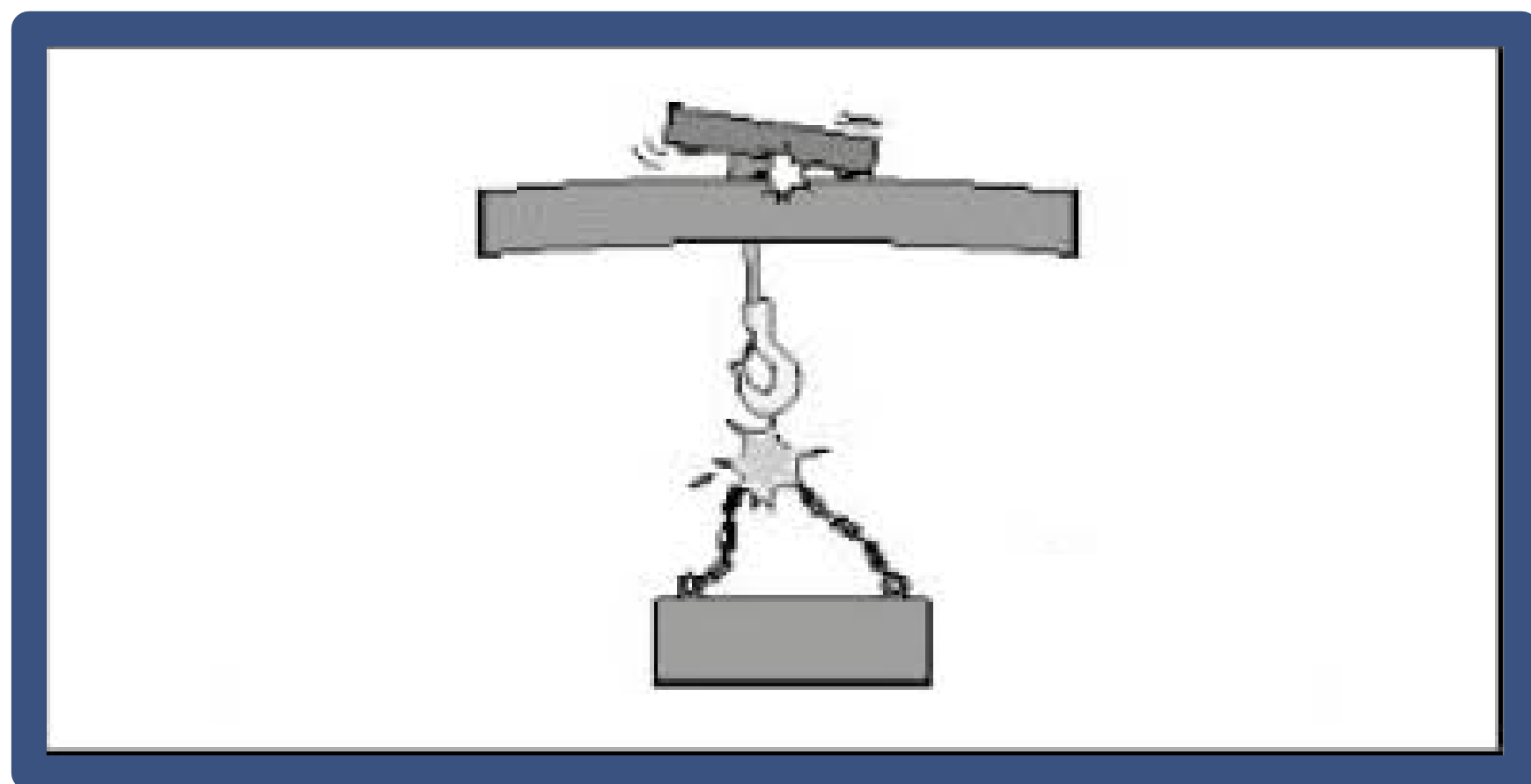
## ***Unstable Load***

If the load is unstable, it can exert sudden force on the hoisting rope. The contents of packing cases should be securely fastened so that they cannot move around during lifting.



## ***Rapid Load Reduction***

A sudden loss of the load can cause the trolley and hoist to jump.



***Shock loading can damage the crane and the load and should be avoided.***

***"Safety is a core value and business priority"***