

Lifting and Hoisting

CRANE OPERATIONS

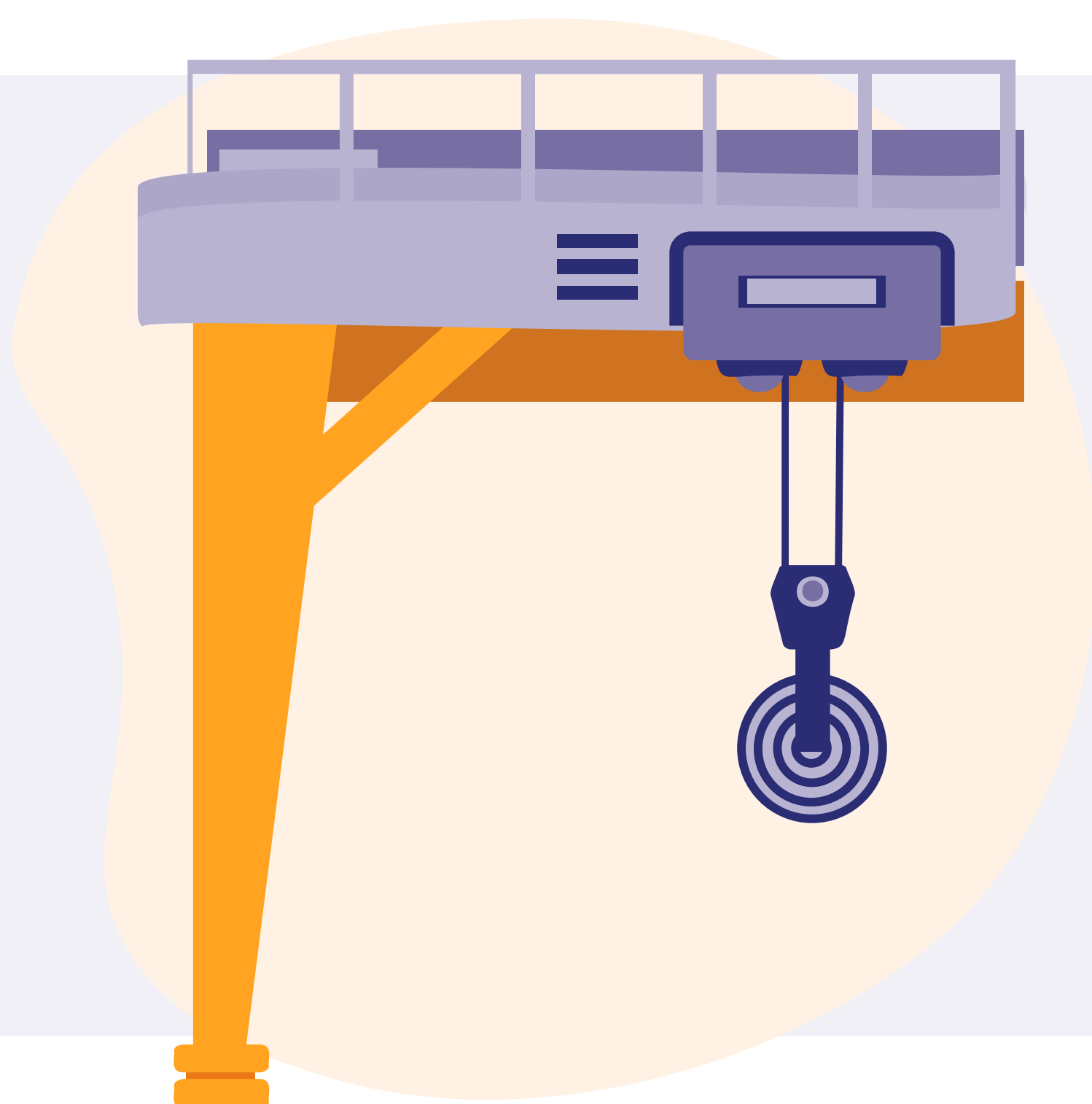
- **No personnel** should stand **under or near the load** being lifted or lowered.
- Crane operations are only allowed to be performed by **suitably trained**, accredited and authorized personnel.
- At the **beginning of every shift** all movements of the crane must be **checked by crane operator**, and to complete the checklist form. If the crane operator were to find any failure, the crane must be stopped and the maintenance team must be notified.
- All personnel working nearby Crane Operations must inform themselves of the **Red/Danger Zones**.

SLINGING AND RIGGING

- **Safe Hands** procedures are applicable at all times. The **suspended load shall not be touched** by hand, only Tag Lines, Push/pull Tools and Manual lifting aids are to be used.
- All **lifting equipment** are **selected** to suit the size and nature of the load.
- All **lifting accessories and appliances** are **inspected** by a competent person and before use.
- **Lifts** should always be **balanced** along the center of gravity.
- Lifting appliances and accessories are **protected from sharp edges**.

MECHANICAL INTEGRITY OF OVERHEAD STRUCTURES

- **Overhead structures are routinely inspected** and **maintained** to ensure their **mechanical integrity** and identify any damages caused by impacts, corrosion fatigue or any other possible occurrences.



Minimize the risks associated to overhead loads by: Ensuring selection and inspection of Lifting devices and training of authorized personnel.