

# Toolbox Talk

## 22. Erecting Structures



### What?

- The erection of structures requires people to work on partially complete structures, where they are exposed to the hazards associated with instability and working at height. They often have to work close to machines, e.g. cranes, which are used during this work. Sometimes, unplanned work exposes them to health hazards, which arise out of applying a remedial process
- During most types of construction work it is necessary to erect steel or concrete structures to provide a robust framework for supporting buildings and installing equipment. These structures can be made from single components joined together or sub-assemblies which are lifted and fixed into position

### Why?

- There are many hazards associated with erecting structures and associated temporary works including:
  - Temporary instability, falls from height, lifting, overturning of cranes, working on or near fragile materials, handling heavy unwieldy loads, collapse of temporary works, falling material and crushing

### Do



- ✓ Adhere to Permit to Work requirements and associated method statements
- ✓ Wear appropriate Personal Protective Equipment
- ✓ Use correct lifting equipment
- ✓ Wear and connect safety harnesses
- ✓ Keep vehicles away from the structure
- ✓ Avoid excessive vibration and noise
- ✓ Use the correct access equipment
- ✓ Use ropes to guide bulky loads

### Don't



- ✗ Stay on the structure without protection
- ✗ Use unsupported scaffolds
- ✗ Ride on loads
- ✗ Force shackles or lifting restraints
- ✗ Stand under loads
- ✗ Walk on top of beams
- ✗ Stand on fragile material
- ✗ Leave loose material on the structure



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