

## Crane Topple During Lift (<1 Tonne)

### WHAT HAPPENED

- A truck mounted crane toppled during planned maintenance at a treatment plant.
- The initial lift, which involved removing an auger from the plant, was complex but completed without issue.
- However, while repositioning the auger, which was 500mm off the ground, the crane exceeded its rated capacity as it slewed from the rear to the front of the truck. This caused the crane to topple over, and the boom landed on a nearby adjacent roof.
- There were no injuries to people. The extent of the damage to the building appears to be minor.

### FOLLOW UP

- The scene was secured, the crane was made safe, and WorkSafe was notified.

### WHAT WE LEARNED

- The crane, built in 2008, was operated beyond its design limits, and lacked alarms and overload protection.
- Since 2010, new cranes must be fitted with overload protection systems that may have prevented this incident.
- Even simple lifts carry high degrees of risk and need to be considered as part of the lift planning process. Always **consider safer alternatives** or **engage specialised service providers** when needed.

