

# INDUSTRIAL DESIGN RESEARCH

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## OPERATING INSTRUCTIONS FOR APEX LIFEGUARD OBSERVATION TOWERS

Develop and implement an inspection schedule in order to monitor the tower for wear and tear and any damage incurred.

Any wear and tear or damage issues that compromise the function of the tower must be rectified immediately. The tower should not be staffed and operated until maintenance or repairs are made. The safety of the staff is your first priority.

In the case that degradation or damage to the tower is beyond routine maintenance, Industrial Design Research can provide replacement parts.

The buyer must instruct and monitor the staff in the safe and proper operation of the tower.

- Mounting and dismounting the tower
- Opening and closing the tower
- Tower ventilation

Surveyor towers can be ordered with several access systems.

- 30 degree high angle ladder
- 35 degree low angle stairs
- 17 degree ramp

All of these systems have either diamond plate or non-skid overlay on the tread or steps. The ramp has a repairable non-skid runway. Railings are incorporated on all systems.

The high angle ladder is also available as an optional fold-up and locking configuration. Operating instructions for this option are supplied when it is ordered.

Common sense safety should always be practiced when using the tower. Keep the treads, steps or ramp runway clean and free of sand or debris. **Always** use the handrails to prevent unexpected loss of balance and slipping. Make sure the staff practices using the ladder, stairs or ramp and are familiar with safe and proper use.

All Surveyor towers are unlocked on the left hand side of the shelter.

The towers are configured with shutters to secure the shelter and provide shielding from the sun in their raised position.

A double tube rail is provided to act as a step for a better position when raising or lowering the shutters. Make sure that you are stable and balanced when using the double tube rail as a step when raising or lowering the shutters.

### OPENING THE TOWER

Step 1: Release the left shutter by pushing down on the shutter lock lever. Raise the shutter by grasping the rubber handle on the underside of the shutter. Never release your grasp on the handle until you are confident that the latch provided to hold the shutter in the raised position is fully engaged.

The latch is configured to be a slam-action operation but full engagement is insured by pulling down gently on the aluminum release lever. Pulling down on the handle before releasing it is another safety check for latch engagement.