

**INSPECTION CERTIFICATE**



Lift owner or employer: \_\_\_\_\_

Qualified inspector name: \_\_\_\_\_

Qualified inspector company: \_\_\_\_\_

Lift manufacturer: \_\_\_\_\_

Lift model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

Lift capacity (pounds) \_\_\_\_\_

Lift type (hydraulic) \_\_\_\_\_

(mechanical) \_\_\_\_\_

(hydraulically driven mechanical) \_\_\_\_\_

Inspection points. Attach checklist furnished by manufacturer or checklist following this page indicating the observations and findings of all points of inspection recommended by the manufacturer, any adjustments made and parts replaced.

This inspection is not intended as a guarantee against failure or malfunction. Its purpose is to verify that the lift has been maintained in a reasonable and safe manner and that the supporting documents supplied by the manufacturer are accessible to the operator to assist in the safe operation of the lift and to call attention to repairs that may be needed to correct existing or potential malfunctions where such can be determined by visual and ordinary examination methods. The inspector or the inspector's company assumes no liability for the use, operation, management or control of this lift.

Owner or employer signature \_\_\_\_\_ Date \_\_\_\_\_

# **PERIODIC INSPECTION CHECKLIST**

## **FOR**

### **HYDRAULIC LIFTS**

Inspection points – Hydraulic Lifts. This class of lifts includes traditional in-ground lifts both full hydraulic and semi-hydraulic, single post, two post side-by-side, two post movable piston fore-and-aft and multiple piston heavy-duty models. This class also includes surface mounted hinged lifts such as parallelogram style and scissors type, as well as wheel service lifts. Also included in the hydraulic classification are two post surface mounted lifts that utilize hydraulic cylinders, which are directly connected to the superstructure and utilize no stroke multiplying chain, cables or pulleys.

Refer to the manufacturer's recommended inspection points and to the requirements of sections 4.4.4, 5.6.2 and 5.6.3 of this standard for more detail concerning the inspection points and methods. The following is meant to be used as a quick reference checklist for the purpose of lift inspection. The paragraph numbers shown below are the same as in the main text of this standard in order to facilitate reference.

### **INSPECTION POINTS-ALL LIFTS**

- 4.4.4.1 Check accessibility of the operating procedures, safety tips and generic safety material.
- 4.4.4.2 Check accessibility and readability of safety warning labels.
- 4.4.4.3 Check the rated capacity of the lift.
- 5.6.2.1 Examine all structural components including welds.
- 5.6.2.2 Examine electrical components and wiring
- 5.6.2.3 Check the lift controls.
- 5.6.2.4 On lifts using runways, check to ensure proper operation of all features.
- 5.6.2.5 On lifts requiring swing arm restraints, check for proper function.
- 5.6.2.6 Check all fastening devices for tightness including floor anchor bolts.
- 5.6.2.7 Check exposed surfaces and edges.
- 5.6.2.8 Operate the lift and check the operation of the positive stop and the lift locks.
- 5.6.2.9 On lifts employing adapters, check for proper operation.

- 5.6.2.10 With a representative vehicle on the lift check the towering speed.
- 5.6.2.11 Check all points requiring lubrication.
- 5.6.2.12 On lifts equipped with lateral synchronization or equalization systems, check the operation of the synchronization or equalization system.
- 5.6.2.13 On lifts incorporating working platforms, railings and stairways, check the railings and the walking surfaces.
- 5.6.2.14 On lifts incorporating overhead structures, verify the safety shutoff.

### **INSPECTION POINTS-HYDRAULIC LIFTS**

- 5.6.3.1 Check all accessible piping, tubing, hose, valves and fittings. Review lift oil consumption records.
- 5.6.3.2 Operate lift through full excursion and observe.
- 5.6.3.3 With lift loaded, stop the load at midpoint of travel and observe.
- 5.6.3.4 Check with operator to ascertain any unusual operating characteristics.
- 5.6.3.5 On lifts which incorporate trench covers, verify the proper operation.
- 5.6.3.6 On air-oil lifts check for low oil control.