

Instructions for Safe Use of Crane Scales with Heavy Loads



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1. It is forbidden to stand below a raised crane scale.
2. It is forbidden to leave raised loads unattended.
3. The operator should only then move loads when he is sure about proper attachment at the crane scales and no one is in the danger zone.
4. The crane scales should only be operated at specified ambient temperatures.
5. In case of malfunction, the crane scales should be taken out of operation immediately.
6. The weighing system is not designed for use in dynamic weighing processes.
7. Twisting and any other impact while picking up loads should be avoided.
8. Crane Scales are not designed for long distance transport of loads.
9. It is prohibited to use hanging crane scales in combination with cranes for the transport of people.
10. It is forbidden to use the weighing unit in explosive environments. (Please contact PCE for specialized units.)

Caution: Operation is only permitted when a spin trap is present in the power drive!

Examination before first use

Before the first time use of the crane scales, a professional must check the device. This is mainly a visual and functional testing process. The test should make sure that the scale is in good and safe condition and there are no mechanical defects or damages.

Inspection in daily use

Before every use the operator should visually check the crane scales. The operator should lift the scale (with attached small load) to a low height and lower it down to the ground again. The operator should check for any unusual signs or sounds.

Maintenance

In general, all crane scales should be checked by qualified professionals after 3-4 month of use or after having been used for a certain number of weighing processes. Company management will determine both, the time period and the number of uses. The ISO handbook and state and other governmental authorities can offer corresponding guidelines. (Please note that such rules and regulations might differ between different jurisdictions). A regular calibration of the crane scales is recommended every six to twelve months.

Note: The maintenance and calibration intervals should be shortened when the conditions of use of the product deviate from the standard (harsh conditions).