

Environmental Health and Safety Crane Policy Summary



THE UNIVERSITY OF
CHICAGO

Purpose

A crane is a versatile and important piece of equipment used for lifting, lowering, or moving loads horizontally or vertically using a hoisting mechanism. Employees working with and around cranes and hoist must be aware of the potential hazards.

The Occupational Health and Safety Administration (OSHA) standard CFR 1926. Subpart CC serves as the requirements for preventing injuries when working with and around cranes on construction sites.

Applicability

- ◆ Articulating cranes
- ◆ Crawler cranes
- ◆ Floating cranes
- ◆ Overhead and gantry cranes
- ◆ Tower cranes
- ◆ Telescoping Boom cranes
- ◆ Lattice Boom cranes
- ◆ Wall cranes
- ◆ Other hoisting equipment that have the same fundamental characteristics.

General Requirements

Crane Policy	All cranes shall be operated and maintained in accordance with any and all applicable regulations and as recommended by the manufacturer.
Training	◆ Employees required to operate overhead cranes shall be required to participate in and successfully complete the curriculum of a training program before assuming their responsibilities. Training shall be arranged for by the department. Copies of the training curriculum, qualifications of the trainer, competency assessment and attendance rosters shall be provided to Environmental Health and Safety.
Training Curriculum	<ul style="list-style-type: none"> ◆ Wire rope; ◆ Slings; ◆ Occupational Safety and Health Administration (OSHA) and American National Standards Institute (ANSI) standards; ◆ Hoisting equipment manual and power; ◆ Operation and safety awareness including lock and tag procedures; ◆ Basic rigging; ◆ Field training and trials; and ◆ Inspection procedures.
Retraining	◆ Employees shall be required to participate in annual refresher training. Retraining may also be deemed necessary when it has been documented that the operator has failed to operate the crane in a safe and appropriate manner as directed by this policy and according to OSHA and ANSI regulations. Curriculum for retraining shall cover the same topics as the initial training.

FAA Notification

◆ Notification must be submitted to the FAA for proposed crane operations within 5,000 feet from the UCAN Heliports at 5815 South Maryland Avenue and 5700 South Maryland that extend above an imaginary surface that extends outward and upward in any direction at a slope of 25 to 1 from the nearest point of the nearest landing and takeoff area of UCAN –	◆ Notifying UCAN at 773-702-3222 and Environmental Health and Safety at 773-702-9999 in advance, when any crane in excess of 100 feet in height will be erected or used on University property.	◆ Each person who is required to notify the FAA of proposed crane operations shall submit, electronically, FAA Form 7460-1, Notice of Proposed Construction of Alteration to the FAA. The online form may be obtained at the FAA Obstruction Evaluation / Airport Air-space Analysis Website OE/AAA
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If you are unsure if a project falls within the 5,000 feet radius of either heliport please contact Environmental Health and Safety.