

Forklift Safety Syllabus

Time: 8 hours

Maximum Class Size: 12

Prerequisites: None

Course Description: This course is designed to empower the participant with the skills and knowledge to safely and productively operate rough terrain forklifts (within the scope of the construction industry). The “forklifts” used in this training include telehandlers/extended-reach and rough-terrain/straight-mast forklifts. The repetition of these learned skills will enable the participant to recognize potentially dangerous conditions and avoid accidents

Goals/Objectives/Student Learning Outcomes:

- Safely drive, maneuver, lift, place, and retrieve with a telehandler/extended-reach forklift and straight-mast forklift.
- Identify the requirements for brakes and warning devices on a forklift.
- Demonstrate watering down training surface to avoid silica exposure.
- Operate the forklift in a smooth, safe manner on rough terrain.
- Explain Cal/OSHA regulations, principles of the center of gravity, the fulcrum, and the stability triangle.
- Calculate the lifting capacities of the forklifts.

Standards

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| • OSHA Standard 29CFR 1910.178 | Powered Industrial Trucks |
| • OSHA Standard 29 CFR 1926.1153 | Silica |
| • Cal/OSHA Subchapter 7; Group 4 Article 25.3664 | Operating Rules for Industrial Trucks |
| • Cal/OSHA Subchapter 7; Group 4 Article 25.3668 | Powered Industrial Truck Operator Training |

Classroom Rules and Procedures

- All classes begin at 6:30 am and end at 3:00 pm
- Upon entering classroom, all participants must sign in and be seated by 6:30 am
- Class will consist of a combination of lecture, video, demonstration, coached group exercises, individual exercises and assessment.
- Students are required to report to class ready to work and maintain the provided PPE.

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Textbooks/Readings/Materials

- Laborers Training School FLS Instructor Guide
- Laborers Training School FLS Participant Packet (Handout 1)
- Handout 2: Forklift Accident newspaper article
- Handout 3: Cal/OSHA Operating Rules for Industrial Trucks handout
- Handout 4: Weight Chart
- LIUNA Rough Terrain Forklift DVD
- 25-question Forklift Safety Exit Exam A or B
- Forklift Safety Exit Exam Answer Sheet
- Forklift Safety Hands-On Assessment
- YouTube Video: Cop Shoots Himself in Foot

Tools/Equipment/Other Materials

- Assorted materials to be lifted: palletized blocks, barrels, tubs, or planks
- Cones or delineators
- Telehandler/extended-reach forklift and rough-terrain/straight-mast forklift
- Hose, nozzle and water source
- Telehandler Wallet Cards-one for each student

Personal Protective Equipment

- 12 pairs of gloves
- 12 pairs of Safety Glasses
- 20 pairs of Ear plugs
- 12 hard hats

Course Requirements

To receive credit for the course, participants must:

- Be present for full eight hours
- Participate in all classroom exercises
- Pass a written exam
- Pass a hands-on exam

Course Policies

- Participants must be on-time and ready to work.
- Participants must return from breaks on-time.
- Participants must participate in each exercise and assignment
- Participants who are on "light duty" are not allowed to take this course due to the physically demanding requirements.

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Assessment and Grading

Participants will be assessed on the following:

- All written exams must be passed with a score of 80% or above.
- All hands-on exercises are graded on performance and participation. They are pass/fail and must be passed with a score of 80% or above.

Safety

Failure to maintain and use PPE may result in dismissal from the course.