

Laborers Landscape and Irrigation Fitters

Skip Loader Syllabus

Time: 8 hours

Maximum Class Size: 12

Prerequisites: None

Course Description: Working safely and efficiently is the primary focus of the LLIF Skip Loader course program. Skip Loaders are used extensively in the Landscape Irrigation field to move materials on the jobsite. This course reviews the step-by-step basics of how the Skip Loader functions. Participants will identify all components, systems, features, and controls of the Skip Loaders. They will then receive hands-on training in the safe start-up, driving and shut-down of the Skip Loader. Students are required to successfully perform a variety of basic tasks such as scooping up loose material from the ground (sand, gravel or soil, etc.) and moving it from one place to another without pushing the material across the ground. Grading a large area and backfilling an open excavation are skills that are introduced. Students are required to operate the Skip Loader, performing a variety of tasks in a smooth and efficient fashion in order to complete this class.

Goals/Objectives/Student Learning Outcomes:

- Name required Personal Protective Equipment that must be used when operating a Skip Loader.
- Demonstrate necessary Hand Signals.
- Discuss the uses of the Skip Loader in the construction industry.
- Identify all components, systems and controls of the Skip Loader.
- Identify potential safety issues on the jobsite when using a Skip Loader.
- Correctly perform a Start-Up check: Check for leaks, check oil, hydraulic fluid, water level, hoses, and tension on belts, etc.
- Start up the Skip Loader.
- Operate the Skip Loader in a safe, efficient manner.
- Safely drive the Skip Loader where directed.
- Successfully maneuver forward and backward where directed.
- Successfully perform a variety of tasks on the Skip Loader as directed.
- Successfully scoop up material such as soil, gravel or sand.
- Relocate material such as soil, gravel or sand, to another area of the jobsite without dragging the bucket.

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- Grade the training area.
- Backfill an open excavation.
- Safely park the Skip Loader where directed.
- Load, secure and unload equipment using Utility Trailer.
- Perform Shut Down procedure.

Standards

- OSHA 29 CFR Part 1926.600, 602 (a) Subpart O-Materials Handling, Motor Vehicles & Mechanized Equipment
- OSHA 29 CFR Part 1926.1000 Subpart O-Rollover Protective Structures; Overhead Protection
- Cal/OSHA Subchapter 4, Article 10-Haulage & Earth Moving Equipment: 1590-1596

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

Textbooks/Readings/Materials

- Photographs of various types of Loaders
- Hand Signals Hand-out
- Skip Loader Specifications Hand-out
- Skip Loader Hands-on Evaluation Form

Tools/Equipment/Other Materials

- New Holland LV80 Tractor Loader

Personal Protective Equipment

- 12 pairs of gloves
- 12 pairs of safety glasses
- 20 pairs of earplugs

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- 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 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.

Assessment and Grading

Participants will be assessed on the following:

- 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.