Brick Tending Forklift Syllabus

Time: 40 hours Maximum

Class Size: 12

Prerequisites: None

Course Description: This course is designed to empower the participant with the skills and knowledge to operate rough terrain forklifts safely and productively on masonry jobs. The 40-hour course will enable the participant to develop more advanced skills such as maneuvering through courses, lifting, placing, and retrieving with straight-mast and extended-boom forklifts. Participants will learn to calculate the weights of loads and the lifting capacities of the forklift. Participants are given ample time to practice and develop proficiency in these advanced skills.

Goals/Objectives/Student Learning Outcomes:

1. List 3 to 4 hazards associated with forklift operations
2. List 2 to 3 Cal OSHA operating rules for industrial trucks
3. List the 3 different steering modes that most forklifts have
4. State the rated capacity, maximum lift height, load at maximum height, and load at maximum reach using the JLG 943 Telehandler
5. After calculating the weight of given materials, determine if the load can be picked or placed at a specified location using the load chart.
6. Explain Cal/OSHA regulations for the principles of the center of gravity, the fulcrum, & the stability triangle.
7. List 2 to 3 reasons a person will need refresher training
8. Identify Cal/OSHA regulations brake & warning devices on a rough terrain forklift.
9. Perform an inspection on a straight mast forklift and telescoping forklift.
10. Demonstrate the proper hand signals for forklifts.
11. Identify the location of all forklift controls.
12. Demonstrate the safe procedure and smooth operation of the rough terrain forklift.
13. Smoothly navigate forklift, forward and backward, through a designated course.
14. Build scaffold with the assistance of a forklift.
15. Smoothly navigate forklift through limited clearance courses
16. Raise materials, including near-capacity loads, to an elevated platform.
17. Complete the Brick Tending Forklift Exit Exam with a score of 80% or higher.
18. Complete the Brick Tending Forklift Hands-On Evaluation with a score of 80% or higher.

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
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exercises, individual exercises, and assessment.

- Students are required to report to class ready to work and maintain the provided PPE

Standards

  - Subpart E: Personal Protective Equipment
  - Subpart L: Scaffolds
  - Subpart M: Fall Protection
  - Subpart O: Motor Vehicles
  - Subpart Q: Concrete and Masonry Construction
  - Subpart W: Rollover Protective Structures

- Cal/OSHA Subchapter 7-General Industry Safety Order 3664: Operating Rules for Industrial Trucks.
- Cal/OSHA Subchapter 7-General Industry Safety Order for Training and Evaluation Competencies for Powered Industrial Trucks.

Textbooks/Readings/Materials

- Brick Tender Forklift Student Handout Packet
- Brick Tender Student Handout Packet Instructor Version
- Rough Terrain Forklift Safety DVD (LIUNA Training)

Tools/Equipment/Other Materials

- Model JLG 943 Telehandler Forklift
- JVB Straight Mast Forklift
- Assorted masonry materials-blocks, brick, scaffold frames, planks, rebar, water barrels and

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 forty hours
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- 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.

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.