

JRYM 422B: FORKLIFT CLASS 2 (NARROW AISLE) OPERATOR/OPERATOR RENEWAL

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Spring 2026
Units:	0
Hours:	1-2.5 hours total per quarter (0.5-1.5 hours lecture, 1-2 hours laboratory).
Prerequisite:	This course is limited to students employed with Cupertino Electric.
Degree & Credit Status:	Non-Degree-Applicable Non-Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Student Learning Outcomes

- Maneuver narrow aisle forklifts safely within high-rack environments
- Demonstrate proper picking and placing of loads at varying heights
- Execute emergency lowering and shutdown procedures
- Inspect the battery and hydraulic systems for defects prior to use

Description

In accordance with Federal OSHA 29 CFR 1910.178(l), 29 CFR 1926.602(d), and Cal/OSHA 8 CCR §3668 requirements, this course provides certification for individuals who operate a Class 2 narrow aisle forklift designed for tight spaces.

Course Objectives

The student will be able to:

1. Identify the types and functions of Class 2 narrow aisle forklifts.
2. Understand OSHA regulations and employer responsibilities under 29 CFR 1910.178(l).
3. Demonstrate safe operating procedures in narrow aisle and high-rack environments.
4. Conduct pre-operation inspections and routine maintenance checks.
5. Recognize workplace-specific hazards, such as limited visibility, tight spaces, and pedestrian traffic.
6. Safely operate lift mechanisms and attachments used in narrow aisle applications.
7. Apply load stability principles and proper stacking/unstacking techniques.
8. Pass a written knowledge test and hands-on performance evaluation.

Course Content

1. 2.5 hours training for Forklift Class 2 (Narrow Aisle) Operator
 - a. OSHA 1910.178(l) training requirements
 - b. Types and classifications of narrow aisle trucks (e.g., reach trucks, order pickers, turret trucks)
 - c. Operating instructions, warnings, and precautions
 - d. Controls and instrumentation specific to Class 2 trucks
 - e. Visibility challenges and solutions in narrow aisles
 - f. Load handling, stacking, and unstacking in high-rack storage
 - g. Stability triangle and load center concepts
 - h. Battery charging and maintenance procedures
 - i. Environmental hazards (e.g., poor ventilation, tight spaces)
 - j. Employer and operator responsibilities
2. 0.5 hour training for Forklift Class 2 (Narrow Aisle) Operator Renewal
 - a. An abbreviated version intended to renew a former operator

Lab Content

1. Pre-operation inspection and safety checklist.
2. Maneuvering in narrow aisles and confined spaces.
3. Safe operation of lift mechanisms and attachments.
4. Load placement and retrieval at height.
5. Emergency procedures and safe shutdown.
6. Battery charging station safety.

Special Facilities and/or Equipment

1. When taught in person, a clean classroom with internet access, and the necessary hardware and software must be provided for this training.
2. When taught online, this course requires access to CEI's Learning Management System (Amplify), ongoing access to a computer with the necessary software and hardware to view video content, and a reliable intranet connection.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Results of hands-on performance evaluation in actual or simulated workplace

Results of skills demonstration and evaluation

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lectures

Classroom demonstrations

Representative Text(s) and Other Materials

Equipment and course materials provided by Cupertino Electric.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

No assignments.

Discipline(s)

Electricity