



CERTIFIED FORKLIFT TECHNICIAN

CRITICAL WORK FUNCTIONS COVERED BY MSSC COURSES AND ASSESSMENTS:

The Manufacturing Skill Standards Council (MSSC) credentialing system leading to a CFT covers core competency areas, as defined by MSSC's industry-led, nationally validated skills standards for higher skilled, front-line material handling workers working to maintain, repair and service forklifts. Individuals are assessed on sixteen key activities which encompass those skills desired in the forklift industry. The MSSC training and assessment addresses the need for employability and academic skills as well as technical skills. MSSC strongly recommends that individuals be at the 8th grade level of math and 9th grade level of English before attempting MSSC courses and assessments. The critical work functions and their related key activities are described below:

1. Operator Orientation
2. Lift Truck Fundamentals
3. Basic Safety
4. Basic Engines
5. Basic Hydraulics
6. Brake Systems
7. Basic Laws of Electricity
8. Batteries
9. Masts
10. Basic Attachments for Lift Trucks
11. Components and Symbols
12. Cooling Systems
13. Front Drive Axle & Differential
14. Gasoline & LPG Fuel Systems
15. Use Meters for Testing Electrical Circuits & Components
16. IC Electrical Systems
17. Oil Cooled Wet Disc Brakes of Electrical and Mechanical Braking Systems
18. Steering Systems
19. Transmissions
20. Diesel Operations

NOTE: MSSC assesses core understanding of the key work activities and basic technical knowledge and skills needed in high-performance material handling, as defined by MSSC's forklift standards. Given online, MSSC assessments also help measure basic computer, problem-solving and analytical skills and one's ability to apply knowledge to specific situations identified in the assessments. There are no experiential or hands-on requirements for MSSC certification as it is expected that individual employers will determine those requirements based upon their own specific needs. MSSC does not require that individuals take MSSC courses prior to testing.