



# 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 8<sup>th</sup> grade level of math and 9<sup>th</sup> grade level of English before attempting MSSC courses and assessments. The critical work functions and their related key activities are described below:

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

**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.