

Landscape and Nursery Career Development Event Problem Solving Event # 10 Mid-Size Mower Operation

You have been asked by your supervisor to demonstrate your understanding and proficient operation of a Mid-Size mower. Please complete a pre-operation inspection and operate the mower through a designed course. The course will simulate job conditions that could include inspection of the work area, identification & correction of potential hazards, and operation of the mower in close proximity to sidewalks, curbs, flower beds and other objects.

Study Reference: Equipment Safety and Maintenance in the Landscape Training Manual for Installation Technicians (Chapter 9) and PLANET's *Mid-Size Mower Resource Guide and DVD*.

Procedure:

1. Complete a pre operation check of the mower.
2. Start Engine and allow the machine to warm up.
3. Drive the mower through the obstacle course 2 times as instructed by the judge.
4. Demonstrate changing mower heights.
5. Demonstrate the ability to stripe a lawn.
6. Park the mower safely in area as directed by the judge.

Practicum #10 Mid-Size Mower Score Sheet

Team Name: _____

Team Members: 1. _____

2. _____

Scoring Criteria	Possible Points	Points Earned
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Pre-Start Procedures

Oil Level and Hydraulic System oil level check	4	_____
Tire Pressure	4	_____
Fuel check	4	_____
Air Cleaner	4	_____
Grease Fittings	4	_____
Lubrication	4	_____
Belts, Pulleys, Guards	4	_____

Material: rag, ear protection, hard-sole shoes, safety glasses, gloves

	5	_____
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Written Examination

Score	25	_____
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Safe Operation of Equipment

Safe Operating Procedures Observing people & hazards around operation Appropriate operating speed	10	_____
Operating through an obstacle course	8	_____
Adjusting mower height	8	_____
Engaging and Disengaging PTO	8	_____
Shutting down the mower and storage	8	_____

Safety Violations

Deduct 3 points for each observed safety violation and/or safety cone/or curb hit. _____ x 3 = - _____

Gross violation: A judge may stop a contestant from competing based upon safety violations. In such cases, the contestant will earn zero points in the Safe Operation of Equipment section. - _____

Total Individual Points	100	
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Add the total individual points for each team member to obtain the team score. _____

Time* needed to complete the operational aspect of this task: _____

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*Time is only used as a tie breaker.

Judges' Comments: _____

Judges' Initials: _____