



# Landscape Horticulturist Level One

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Inspect, Store, Check PPE .....	A1-7
Describe the process to check PPE inventory .....	A1-8
Recognize PPE Requirements for chemical handling .....	A1-8
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Coordinate task with other workers .....	A2-13
Maintain worksite to avoid injuries to self and others .....	A2-13
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Participate in safety meetings and discussion .....	A2-14
Report unsafe conditions to supervisor .....	A2-15
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**B2 Use power tools**

Select and use power tools.....B2-1  
Perform power tool maintenance .....B2-6  
Store power tools .....B2-6

**B3 Use measuring equipment**

Select and use measuring equipment .....B3-1  
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**B4 Uses vehicles and motorized equipment, trailers and attachments**

Identify basic engine systems .....B4-2  
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**C1 Performs site assessments**

Select and use specific tools and equipment as directed.....C1-1  
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Assess access points .....C1-2  
Identify security requirements .....C1-3  
Assess landscape site soils .....C1-3  
Examine soil compaction and drainage .....C1-7  
Identify existing and proposed grading and drainage patterns.....C1-10

**C2 Uses documents and reference material**

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Reference documentation pertaining to industry standards .....C2-5  
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Interpret location documentation .....C2-11

**C3 Maintains records**

Describe the types of tool and equipment records .....C3-1  
Describe the purpose of completing safety records.....C3-2

**C7 Transports materials**

Describe the protection of plant materials.....C7-1  
Describe the procedure to secure materials .....C7-4  
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Describe the selection of vehicle/trailer type .....C8-2  
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Describe the procedure to load equipment .....C8-6  
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Describe effective feedback .....	E1-19
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**LINE F APPLIES HORTICULTURAL PRACTICES**

**F1 Practices basic plant science**

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Describe leaf morphology and external anatomy .....	F1-3
Describe parts of the flower.....	F1-9
Identify typical inflorescences.....	F1-11
Identify fruit types.....	F1-12
Describe seed characteristics and development.....	F1-15
Identify organ modifications .....	F1-17

**F2 Identifies plants and plant requirements**

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Name the plant family for each plant identified .....	F2-15
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**F3 Manages plant health and growing conditions**

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Describe factors of soil formation .....	G3-1
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**LINE H PERFORMS PRE-CONSTRUCTION ACTIVITIES**

**H3 Performs grading**

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Describe the procedure to strip and stockpile topsoil.....	H3-14
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**LINE J INSTALLS SOFTSCAPE**

**J1 Installs growing media**

Select and use hand tools .....	J1-1
Select and use equipment .....	J1-2
Add and incorporate amendments.....	J1-2
Install growing media .....	J1-3
• Verify functioning drainage systems .....	J1-3
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**J5 Installs turf from seed**

Select and use tools .....	J5-1
Select and use equipment .....	J5-2
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Describe turfgrass nutrition and application technology .....	J5-6
Describe turf grass and water use .....	J5-11
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Prepare Seedbed .....	J5-18
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• Apply seed to prepared area .....	J5-18
• Describe procedures for post seeding care.....	J5-18
Describe procedures for Post Seeding Care .....	J5-20

**J6 Installs sod**

Select and use tools .....	J6-1
Select and use equipment .....	J6-1
Describe turfgrass functions and characteristics for quality .....	J6-1
Prepare the area to be sodded .....	J6-2
Verify Sod.....	J6-5
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**LINE M MAINTAINS SOFTSCAPE**

**M1 Maintains exterior softscape**

Select and use tools and equipment .....	M1-1
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Describe cultivation of growing media.....	M1-5
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**M3 Maintains turfgrass**

Select and use tools and equipment .....	M3-1
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Describe monitoring of turfgrass.....	M3-12
Describe turfgrass irrigation.....	M3-14
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