



Landscape Services Essentials QA/QC Plan Sample

Good for smaller projects and bid qualifications

*Has All the Essential Elements of a well-founded
Quality Control Plan*

Contact:
First Time Quality
410-451-8006

www.firsttimequalityplans.com

[CompanyName]

Landscape Services

Quality Assurance/Quality Control Plan

[ProjectName]

[ProjectNumber]

Management acceptance

This Quality Assurance/Quality Control Plan has been reviewed and accepted.

Endorsed By: (Name / Title)	[QualityManagerName], Quality Manager		
Signature:	<i>[QualityManagerName]</i>	Date:	[Date]
Version	1.0	Notes	Initial Issue

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PROJECT-SPECIFIC LANDSCAPE SERVICES QUALITY PLAN

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D. PROJECT QC PERSONNEL

[CompanyName] ensures that quality control personnel remain independent from the pressures of production through our organizational lines of authority as defined by our QC Organization Chart.

The President appoints a Quality Manager, Superintendent, and Project Manager, and then assigns each with specific quality responsibilities and authorities of their job position.

PROJECT QC JOB POSITION ASSIGNMENTS

Table D-1 shows the job positions assigned to personnel on this project.

Table D-1

QC Personnel Name	Job Position
[PresidentName]	President
[ProjectManagerName]	Project Manager
[SuperintendentName]	Superintendent
[QualityManagerName]	Quality Manager
[SafetyManagerName]	Safety Manager

DUTIES, RESPONSIBILITIES, AND AUTHORITY OF QC PERSONNEL

The President has overall responsibility for implementation safety including performance and results of the [CompanyName] Quality System, including quality on this project.

QC personnel assigned to this project have the duties, responsibilities and authority defined by their job position.

Key project personnel have accepted their appointments and declared their ability to carry out the appointments.

QUALITY RESPONSIBILITIES

PROJECT QUALITY MANAGER: QUALITY DUTIES, RESPONSIBILITIES, AND AUTHORITY

The Quality Manager is responsible for ensuring the overall effectiveness of the Quality System for a specific project. Regardless of other duties, the Quality Manager is responsible for:

- Planning project quality controls required by the [CompanyName] quality systems and contract requirements
- Fully implementing all provisions of the [CompanyName] Quality System and related documents on the project.
- Manage the operation of the [CompanyName] Quality System on the project.

- Implement and manage all phases of quality control
- Communicating project-specific quality requirements to all affected departments, subcontractors and suppliers, and customers
- Ensuring that the Quality System is established and implemented by persons doing work that impacts quality
- Monitoring progress of activities
- Ensuring that the Quality System is maintained
- Acting as the project quality liaison with parties outside the company on matters relating to quality
- Reporting to senior management on performance of the Quality System, including needed improvements
- Review and approval of all project Quality System records
- Review and approval of project quality-related contract submittals
- Managing all project inspection and quality control activities
- Controlling corrective actions
- Resolving quality nonconformances

The Quality Manager has the authority to:

- Stop work when continuing work may adversely affect quality or cover up a defect
- Prevent the use of equipment or materials that may adversely affect quality or cover up a defect
- To direct the removal and replacement of any non-conforming work, equipment, or material by [CompanyName], any subcontractor, or any supplier.
- Suspend work and/or supply of materials by any staff member, subcontractor personnel, or supplier as deemed necessary to assure quality results.

Alternate Quality Managers acting in the role of the project Quality Manager has the same quality duties, responsibilities and authority as the project Quality Manager.

SUPERINTENDENT: QUALITY DUTIES, RESPONSIBILITIES, AND AUTHORITY

A Superintendent verifies that work performed by subcontractors and suppliers and [CompanyName] work crews conforms to [CompanyName] quality standards. The President appoints one or more Superintendents for each project.

A Superintendent has specific responsibilities for:

- Ensuring that work meets government regulatory and code requirements, customer requirements, contract requirements, contract technical specifications, contract drawings, approved contract submittals, and company quality standards and specifications
- Ensuring that subcontractors and suppliers begin work in accordance with [CompanyName] start-work policies
- Ensuring that subcontractors and suppliers receive a notice to work only when conditions will not adversely affect quality results
- Conducting quality inspections, tests, and recording findings
- Accurately assessing subcontractor quality and on-time performance
- Ensuring that quality standards are achieved before approving subcontractor or work crew completion of work

The Superintendent has the authority to:

- Stop work when continuing work may adversely affect quality or cover up a defect
- Prevent the use of equipment or materials that may adversely affect quality
- Direct the removal or replacement of any non-conforming work, equipment, or material

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- Suspend work and/or supply of materials as deemed necessary to assure quality results

Alternate Superintendent has the same quality duties, responsibilities and authority as the Superintendent. Multiple Superintendents may be assigned to the project.

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F. QUALIFICATION OF SUBCONTRACTORS AND SUPPLIERS

[CompanyName] evaluates outside organizations to ensure that the quality of their materials or services will meet contract requirements, and that they have the capacity and equipment to carrying out the contract on schedule.

Our subcontractors and suppliers meet the project requirements by either 1) working under the [CompanyName] Quality System or 2) operating their own quality program if it meets [CompanyName] Quality System requirements.

Ongoing monitoring of performance continually validates qualifications of each subcontractor and supplier.

Key outside organizations that will be used on this project are listed on the Subcontractor and Supplier List form. A Subcontractor and Supplier List form exhibit is included in this subsection. The qualifications of listed suppliers have been verified.

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[CompanyName] Project Subcontractor and Supplier List				
Project ID	Project Name			Preparer/ Date
[ProjectNumber]	[ProjectName]			

Work Tasks	Subcontractor and Supplier Name	Description of Services	Quality Control Method (Not Applicable/ Subcontractor and Supplier QC/ [CompanyName] QC)	Remarks

H. LANDSCAPE SERVICES INSPECTION AND TEST PLAN

[CompanyName] identifies inspections and tests that will be performed during the project. A test report is completed for each test. The test reports are then used for monitoring compliance to the plan and tracking results.

If independent laboratories are required to perform tests or quality inspections, we ensure that the laboratories are certified by a nationally recognized testing accreditation organization as appropriate for the scope of the inspection or test.

The Quality Inspection and Test Plan form lists inspections and tests (other than work task inspections) that will be performed on this project.

Results of inspections and tests will be recorded on the Inspection and Test Form.

Form exhibits are included as an exhibit in this subsection.

INSPECTION AND TESTING LANDSCAPING STANDARDS

Inspection and testing standards that may apply to this project include those listed below.

Description	Reference Standard No.	Reference Standard Title
Field in-place density of soil	ASTM D 1556	Density and Unit Weight of Soil in Place by the Sand-Cone Method
Field in-place density of soil	ASTM D 2167	Density and Unit Weight of Soil in Place by the Rubber Balloon Method
Field in-place density of soil	ASTM D 6938	Standard Test Method for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
Testing soil pH	ASTM D 4972	pH of Soils

CONTROL OF INSPECTION, MEASURING, AND TEST EQUIPMENT

Inspection, measuring, and test equipment that will be controlled, calibrated, and maintained.

The Quality Manager evaluates the project requirements and determines if there are measuring devices that require controls to assure quality results.

For each type of device, the Quality Manager identifies:

- Restrictions for selection
- Limitations on use.
- Calibration requirements including the frequency of calibration. All calibrations must be traceable to national measurement standards.

When a measurement device is found not to conform to operating tolerances, the Quality Manager validates the accuracy of previous measurements.

[CompanyName] Inspection and Test Plan and Log		
Project Number	Project Name	
[ProjectNumber]	[ProjectName]	

Item	Spec Section Number	Spec Section Title	Applicable Standard	Inspections & Tests Description	# of Tests /Inspections Reqd.	Time Schedule/ Frequency	Inspection/Test By (All tests verified by Superintendent and/or QC Manager)	Sample Reqd. Yes/No	Unique characteristics of QC Service
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									
15.									

I. LANDSCAPE SERVICES WORK TASK QUALITY INSPECTIONS

[CompanyName] identifies a list of work tasks, phases of production, which will be quality controlled.

WORK TASKS SERIES OF INSPECTIONS

Each work Task is subject to a series of inspections; before, during, and after the work is complete. Each inspection verifies compliance with full scope of the relevant specifications; not limited to checkpoints for heightened awareness.

- The initial task-ready inspection occurs when crews are ready to start work and ensures that work begins only when it does not adversely impact quality results.
- Incoming material inspections verify that materials are as specified and meet all requirements necessary to assure quality results.
- Work-in-process inspections continuously verify that work conforms to project specifications and workmanship expectations. Work continues only when it does not adversely impact quality results.
- At completion of the Task an inspection verifies that work, materials, and tests have been completed in accordance with project quality requirements. When appropriate, functional tests are performed.

Inspection results are recoded and maintained as part of the project files.

SPECIAL PROCESS INSPECTIONS

The Quality Manager identifies special processes where the results cannot be verified by subsequent inspection or testing and determines if continuous work in process inspections are required. For these special processes, a qualified inspector continuously inspects the work process.

MATERIAL QUALITY INSPECTION AND TESTS

Material quality inspections and tests ensure that purchased materials meet purchase contract quantity and quality requirements. The Superintendent inspects or ensures that a qualified inspector inspects materials prior to use for conformance to project quality requirements.

The Superintendent ensures that each work task that uses the source inspected materials proceed only after the material has been accepted by the material quality inspection or test.

DAILY QUALITY CONTROL REPORT

The Superintendent records a summary of daily work activities. The report will include:

- Schedule Activities Completed
- General description of work activities in progress.
- Problems encountered, actions taken, problems, and delays
- Meetings held, participants, and decisions made
- Subcontractor and Supplier and Company Crews on site
- Visitors and purpose
- General Remarks
- Improvement Ideas
- Weather conditions

[CompanyName] Quality Controlled Work Task List			
Project ID	Project Name	Preparer	Date
[ProjectNumber]	[ProjectName]		

Project Work Tasks / Contract Section	Quality Controlled work task	Method for identification of Approved Inspection Status

[CompanyName] Punch List						
Project ID		Project Name		Punch List Type		
[ProjectNumber]		[ProjectName]		<input type="checkbox"/> Work Tasks _____ <input type="checkbox"/> Customer Inspection <input type="checkbox"/> Supervisor Inspection		
Inspection Date		Preparer				
Item	Location	Description	Due Date	Compl. Date	Item Completion Verification	
					Super Initial	QA Initial
Punch List Completion Date		Final QA Sign-off		Remaining Nonconformances Reported ID # and Description		

[CompanyName] Daily Production Report		
Project ID	Project Name	Preparer*/Date
[ProjectNumber]	[ProjectName]	
<p>* On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.</p>		
	Description	
Job-ready and WIP Inspections (Active work tasks)		
Work Tasks Completion Inspections		
Sampling/Tests Performed		
Nonconformance Reports		
Problems encountered, actions taken, problems, and delays		
On Site Subcontractors and Suppliers, Company Crews, and Visitors		
Meetings held and decisions made		
General Remarks and improvement ideas		
Weather conditions	Temperature: Low: _____ F High: _____ F Precipitation: <input type="checkbox"/> No <input type="checkbox"/> Yes, type and amount: _____	

[CompanyName] Work Task Inspection Form		
Work Task :		
Project: Id# [ProjectNumber]	Project Name: [ProjectName]	Subcontractor and Supplier Company ID/Name:
Location/Area:	Reference drawing version #:	Crew ID/Name
Compliance Verification <input type="checkbox"/> Compliance with initial job-ready requirements <input type="checkbox"/> Compliance with material inspection and tests <input type="checkbox"/> Compliance with work in process first article inspection requirements <input type="checkbox"/> Compliance with work in process inspection requirements <input type="checkbox"/> Compliance with work task completion inspection requirements <input type="checkbox"/> Compliance with inspection and test plan	Heightened Awareness Checkpoints <input type="checkbox"/> [Insert items identified at project startup and preparatory meetings] <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Production Notes:		
Reported Nonconformances:		
Verification of Work Task Completion (sign and date)		
Subcontractor and Supplier Sign and date*: Work task verified complete to specifications (sign and date)		
Project Superintendent Sign and date*: Work task verified complete to specifications (sign and date)		
Project Superintendent score subcontractor/crew performance and feedback notes	Quality: 5 4 3 2 1 Safety: 5 4 3 2 1 Delivery: 5 4 3 2 1	
Quality Manager Sign and date*: Work task verified complete to specifications (sign and date)		
Quality Manager score quality performance and feedback notes	Quality: 5 4 3 2 1	
* On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.		

INSPECTION CHECKLIST

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Earthwork - Excavating and Fill 31.23.00

Earthwork - Grading 31.22.00

Earthwork - Clearing and Grubbing 31.11.00

Landscape-Complete Sod and Shrubs

Exterior Improvements - Fences and Gates 32.31.00

Exterior Improvements - Flexible Paving 32.12.00

Exterior Improvements - Irrigation 32.80.00

Exterior Improvements - Planting 32.90.00

Exterior Improvements - Retaining Walls 32.32.00

Exterior Improvements - Rigid Paving 32.13.00

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Exterior Improvements - Planting 32.90.00

Project:	Phase:	Contract#:	Subcontractor:	Crew:
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Compliance Verification

- ☐ Compliance with initial job-ready requirements
- ☐ Compliance with material inspection and tests
- ☐ Compliance with work in process first article inspection requirements
- ☐ Compliance with work in process inspection requirements
- ☐ Compliance with Task completion inspection requirements
- ☐ Compliance with inspection and test plan
- ☐ Compliance with safety policies and procedures

Reported Nonconformances and incomplete items:

YES NO Heightened Awareness Checkpoints

- ☐ ☐ Seeding growth consistent and uniform across application area
- ☐ ☐ Straw mulching applied evenly without bunching or clumping
- ☐ ☐ Soil and sod surfaces even and free of rocks
- ☐ ☐ Sod laid with long edge perpendicular to flow direction
- ☐ ☐ Wire and non-biodegradable material removed from planting pit
- ☐ ☐ Sod// shrubs// and trees free of weeds// diseases// and insect infestations
- ☐ ☐ Shrubs and trees symmetrically developed// of uniform habit of growth// with straight boles or stems// and free of disfigurements
- ☐ ☐ Shrubs and trees planted plumb
- ☐ ☐ Shrubs and trees planted with bowled mulch / topsoil to aid in watering retention
- ☐ ☐ Trees anchored against wind damage and with chafe guards

FTQ Scores and Completion Sign-off

Field Mgmt.-91.45.01

Quality 5 4 3 2 1 Notes: _____

On-Time 5 4 3 2 1 Notes: _____

Safety 5 4 3 2 1 Notes: _____

Sign and date*: Cell # / ID #: _____ Signed: _____ Date: _____

Task has been verified complete and in compliance with contract drawings and specifications except for non-conformances and incomplete items reported above.

Quality Score

5 = 100% NO problems

4 = 1 minor problem

3 = Hotspot or 2-3 minor

2 = 6+ or major problems

1 = Excessive problems

On-Time Score

5 = On Time

4 = Late

3 = Late by 1 day

2 = Late by 2 days

1 = Late more than 2 days

Safety Score

5 = 100% NO problems

4 = 1 minor problem

3 = Hotspot or 2-3 minor

2 = 4+ or major problem

1 = Injury

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