#### [CompanyName]

### **Quality Assurance/Quality Control Plan**

[ProjectName] [ProjectNumber]

Management acceptance

This Project-specific Quality Assurance/Quality Control Plan has been reviewed and excepted

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

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## A. CONTROL OF QUALITY RECORDS AND DOCUMENTS

On this project, [CompanyName] will keep specific documents and records of quality activities that occur throughout the duration of the project.

Project quality records will be stored in the project field office. As a backup, copies of records will be held offsite. The exact location will be determined at quality coordination meeting.

A Record of current version of project documents is listed on the Document Control Form included as an exhibit in this subsection. When new version approved, the Quality Manager updates the Project Document Control form.

A Record of records is listed on the Project Records Control Form included as an exhibit in this subsection.

#### **DOCUMENT CONTROLS**

The Quality Manager controls documents related to the [CompanyName] Quality System including:

- Quality System Procedures
- Project Management Procedures (including interface and coordination with customers and regulatory agencies with jurisdiction over jobsites)
- Government regulations
- Industry standards
- Procurement specifications

The Quality Manager ensures that records of the distribution of Quality System documents are kept. When new versions are distributed, obsolete versions are destroyed or controlled to prevent inadvertent use.

The Project Manager controls documents related to specific customer contracts including:

- Customer contracts
- Contract technical specifications
- Contract drawings
- Shop drawing submittals and approvals
- Product data submittals and approvals
- Allowances and unit price submittals and approvals
- Requests for information and customer responses
- Subcontracts
- Inspection and test plans

The Quality Manager ensures that records of the distribution of project documents are kept. When new versions are distributed, obsolete versions are destroyed or controlled to prevent inadvertent use.

#### **PROJECT QUALITY RECORD PLAN**

The Quality Manager identifies the quality records that will be maintained during the planning and execution of the project. Considerations include:

- Contract requirements for maintaining records
- The size of the project

- Types of activities
- The complexity of processes and their interactions
- The competence of personnel
- The duration of the project
- The need to demonstrate completion of work
- The need to demonstrate due diligence for quality system related activities
- Balancing the cost and benefits of maintaining the record

#### **DOCUMENT CONTROL PROCEDURE**

#### Procedure:

- 1. The Responsible Person reviews and approves all controlled documents prior to release and is responsible for future control of the document. The Responsible Person records the title of the document, approval date, name, job position, and the method of document control: either 'hard copy' or 'computer file'. A record is maintained on the Project Document Control Form contained in this procedure.
- 2. When controlled documents are revised, the Responsible Person records the title of the document, the version, and date. Each subsequent document version cancels the previous versions of the document. The status of any controlled document can be verified by the Responsible Person.
- 3. The Responsible Person ensures that current issues of all documents are readily available at locations where activities essential to the effective functioning of the quality system are performed.
- 4. For distribution of controlled documents stored on computer media:
  - The Responsible Person designates one or more directory folders where all files in the folder are designated as either approved documents, current versions or controlled documents. Access to change or delete the files is restricted to the Responsible Person by password.
  - The Responsible Person removes obsolete versions of controlled documents from the directory folder.
- 5. Computerized records of controlled documents are backed up daily. Retrieval of backups can recover all controlled documents in effect as of any selected day.
- 6. Controlled documents stored on computer media are marked "Uncontrolled Copy When Printed" as the Responsible Person deems practical.
- 7. For the distribution of hard copies of controlled documents:
  - Only the Quality Manager is authorized to copy controlled documents.
  - When the Quality Manager distributes copies of controlled documents, the following record is made of the document: the version date, to which person it was distributed, and the document's location.
- 8. Uncontrolled copies are marked "Uncontrolled Copy"
- 9. When a controlled document is superseded:
  - The first page of superseded documents is destroyed or marked "VOID". The superseded document is removed from areas where quality inspection, test, or work is in progress.
  - The superseded document is replaced with a currently approved version of the document
- 10. Quality documents are stored in their original condition, in a suitable environment to prevent damage, deterioration and loss. Quality Records are readily retrievable for review upon request. Access to Quality system documents is not limited but is subject to normal building security.
- 11. Quality documents are stored for a period of seven years to demonstrate conformance to specified requirements and the effective operation of the quality system. No quality system document is destroyed without written approval of the Quality Manager.

#### PROJECT DOCUMENT AND RECORD CONTROL PROCEDURE

#### Procedure:

#### [CompanyName][CompanySuffix] System Document Control Form

Project ID	Project Name	Responsible Person		
[ProjectNumber]	[ProjectName]			

Document Title	Version Identifier	Approved by	Approval Date	Document Distribution (Name / Organization)	Method of Control (hard copy or computer file)	Document Return Date
Quality Standard Operating Procedures	Version Date	Quality Manager	[Date]	Field Office	Computer file	n/a
Quality Assurance/Quality Control Plan	Version Date	Quality Manager	[Date]	Field Office	Computer file	n/a
Drawings	Version Date	Quality Manager	[Date]	Field Office	Computer file	n/a
Specifications	Version Date	Quality Manager	[Date]	Field Office	Computer file	n/a
Inspection Procedures	Version Date	Quality Manager	[Date]	Field Office	Computer file	n/a
Test Procedures	Version Date	Quality Manager	[Date]	Field Office	Computer file	n/a
Operational Procedures	Version Date	Quality Manager	[Date]	Field Office	Computer file	n/a
QA Program and Procedures	Version Date	Quality Manager	[Date]	Field Office	Computer file	n/a
Procedures Field Office Computer file						

[CompanyName][CompanySuffix] Project Records Control Form						
Project ID	Project Name	Responsible Person				
[ProjectNumber]	[ProjectName]					

Document/Record Title	Version Identifier	Approved by	Approval Date	Document Distribution (Name / Organization)	Method of Control (hard copy or computer file)	Document Return Date
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C	5.16	3				
	X					

## **D. CONTROL OF MATERIALS AND CUSTOMER-**SUPPLIED PRODUCTS

Care will be exercised for customer property used by or under [CompanyName] control. [CompanyName] will identify, inspect, verify, control, and protect customer property with the procedures that apply to company purchased materials. If any customer property is lost, damage, or otherwise found to be unsuitable for use [CompanyName] will report this to the customer.

Customer supplied equipment, products and materials will be received, identified, inspected, protected, used, traced, and nonconformances controlled using policies and procedures that [CompanyName] uses for products and materials it produces and purchases.

Customer supplied product will be identified and controlled as specified in the "Product Identification and Traceability" section of this Quality Assurance/Quality Control Plan.

Customer supplied products will be verified to meet specified requirements as specified in the "Inspection and Testing" section of this Quality Assurance/Quality Control Plan.

Nonconforming customer supplied product will the controlled as specified in the "Control of Nonconforming Product" section of this Quality Assurance/Quality Control Plan.

When customer-supplied materials are lost, damaged, or otherwise found unsuitable for use, the Superintendent reports such findings to the customer.

#### **PRODUCT IDENTIFICATION AND TRACEABILITY**

Product and materials are controlled to assure the use of only correct and acceptable items. Controls include identification of the inspection status. Materials that require lot control traceability and the method of traceability are listed on the Controlled Materials form included as an exhibit in this subsection.

#### **IDENTIFICATION OF LOT CONTROLLED MATERIALS**

The Quality Manager determines types of project materials that require quality controls.

For each type of quality-controlled material, the Quality Manager determines lot control traceability requirements, if any, and specifies the means of lot identification. Identification methods may include physical labels, tags, markings and/or attached certification documents.

When lot-controlled materials are received, the Superintendent verifies that materials have the specified lot identifications.

The Superintendent maintains lot identification at all production phases from receipt, through production, installation, or assembly, to final completion. Acceptable methods for preserving lot identification include physically preserving observable lot identifications, recording the lot identification on a work task quality inspection form or other work record, or collecting the physical lot identifier as a record along with supplemented with location.

If lot-controlled materials are without lot identification, the Superintendent deems the materials as nonconforming and segregates them and/or clearly marks them to prevent inadvertent use. The

[CompanyName][CompanySuffix] Controlled Materials Form					
Contract ID	Contract Name	Preparer	Date		
[ProjectNumber]	[ProjectName]				

Contract Section/ Activity ID	Material	Intended Use (If description is necessary)	Lot Traceability Requirements	Method for identification of Approved Inspection Status
			$\mathbf{O}$	
		V XV		
	0 0			
5				
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## E. REQUIRED INSPECTIONS FOR QUALITY CONTROLLED WORK TASKS

The Quality Manager identifies each Task that is a phase of construction that requires separate quality controls to assure and control quality results. Each Task triggers as set of requirements for quality control inspections before, during and after work tasks.

A series of inspections will be performed on each work task including

- Material inspections
- Work task Job-ready inspections
- Daily work in process inspections
- Work task Completion inspections

Results of inspections and tests will be recorded as follows:

- Task inspection results will be recorded on the Task Inspection Form
- Daily inspections of work in process will be recorded on the Daily Quality Control Report

#### LISTING OF QUALITY CONTROLLED CONSTRUCTION WORK TASKS

Each work task is subject to a series of job-ready, work in process, and completion inspections. A project Quality Control Work Task List is included as an exhibit in this subsection.

The Quality Manager identifies each phase of construction work task that requires separate quality controls. Each work task triggers a set of requirements for quality control inspections before, during and after work tasks.

#### **PREPARATORY SITE INSPECTION**

The Superintendent performs a quality inspection prior to starting work and:

- Assesses completion of required prior work
- Verifies field measurements
- Assures availability and receiving quality inspection status of required materials
- Identifies any nonconformances to the requirements for the task to begin
- Identifies potential problems

#### **MATERIAL QUALITY INSPECTIONS**

Material quality inspections and tests ensure that purchased materials meet purchase contract quantity and quality requirements.

#### TASK-READY INSPECTIONS

For each work task, the Superintendent or a qualified inspector performs job-ready quality inspections to ensure that work activities begin only when they should begin. Job-ready quality inspections verify that conditions conform to the project quality requirements.

#### WORK IN PROCESS QUALITY INSPECTIONS

For each work task, the Superintendent or a qualified inspector performs an initial work in process inspection when the first representative portion of a work activity is completed.

The Superintendent or a qualified inspector performs ongoing work in process quality inspections to ensure that work activities continue to conform to project quality requirements.

#### TASK COMPLETION QUALITY INSPECTIONS

For each work task, the Quality Manager or a qualified inspector inspects the completion of each work task to verify that work conforms to project quality requirements.

Completion quality inspections are performed for each work task. Completion quality inspections are conducted before starting other work activities that may interfere with an inspection.

Any outstanding punch items remaining after the work task completion inspection is deemed a nonconformance.

#### HOLD POINTS FOR INDEPENDENT INSPECTIONS

The Superintendent stops work when reaching a hold point specified on the inspection and test plan. The Superintendent ensures that work proceeds only with customer approval.

#### **INSPECTION STATUS OF CONSTRUCTION WORK TASKS**

The method for identifying the inspection and test status for each quality-controlled material and qualitycontrolled work tasks are listed on the Quality Controlled Work Tasks Form and the Quality Controlled Materials Form, each of which is included as an exhibit in this subsection.

The status of each quality control inspection or test is clearly marked by tape, tag, or other easily observable signal to ensure that only items that pass quality inspections is accepted.

For each quality-controlled work task, the Quality Manager determines the appropriate method of identification to show inspection and test status.

For each quality-controlled material, the Quality Manager determines the appropriate method for identifying quality inspection and test status.

#### 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][CompanySuffix] Quality Controlled Work Task List					
Project ID	Project Name	Preparer	Date		
[ProjectNumber]	[ProjectName]				
Project Work Tasks / Contract Section	Quality Control	lled work task	Method for identification of Approved Inspection Status		
		O'O' XC	2		
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		)			
C					
4					
7					

[CompanyName][Suffix] Material Inspection and Receiving Report									
Contract ID	Contrac	t Name	Purchase Order No.		Supplier	Bill of L	ading No.	Date	
[ProjectNumber]	[Projec	tName]							
Item No.	Stock/Part No.		Description	Quantity Received	Condition Marking	Accept	Conditional Use	Reject	
				5					
			~?`	0					
				6					
			Receiv	ving Quality Co	ontrol				
	ACCEPTANCE Listed items have been accepted by me or under my supervision								
			I herein or on supporting docume red	ents.					
	Received in apparent good condition EXCEPT as noted Signature of authorized person and date:								
EXCEPTIONS:									

#### [CompanyName][CompanySuffix] Work Task Inspection Form

Work Task:

Project: ld# [ProjectNumber]	Project Name: [ProjectName]	Subcontractor and Supplier Company ID/Name:			
Location/Area:	Reference drawing version #:	Crew ID/Name			
Compliance Verification	Heightened Awareness Check	points			
Compliance with initial job-ready requirements					
Compliance with material inspection and tests	[Insert items identified at projection]	t startup and preparatory meetings]			
Compliance with work in process first article inspection requirements					
Compliance with work in process inspection requirements		0			
Compliance with work task completion inspection requirements					
Compliance with inspection and test plan					
Production Notes:					
Reported Nonconformances:	0				
Verification	of Work Task Completion (sign	n 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	Quality: 54321				
performance and feedback notes	<b>Safety:</b> 5 4 3 2 1				
	<b>Delivery:</b> 54321				
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 reporduring this reporting period is in compliance with the this report.		•			

[CompanyName][CompanySuffix] Daily Production Report						
Project ID	Project Name	Preparer*/Date				
[ProjectNumber]	[ProjectName]					
* 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.						
		Description				
Job-ready and WIP Inspections (Active work tasks)						
Work Tasks Completion Inspections						
Sampling/Tests Performed	×e					
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: Precipitation:	F High:F ] Yes, type and amount:				

## H. CONTROL OF INSPECTION, MEASURING, AND TEST EQUIPMENT

Inspection, measuring, and test equipment that will be controlled, calibrated, and maintained is listed on the Test Equipment Calibration Plan and Log included as an exhibit in this subsection.

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.

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#### [CompanyName][CompanySuffix] Test Equipment Calibration Plan and Log

Project ID	Project Name	Preparer	Date	
[ProjectNumber]	[ProjectName]			

Type of measuring device	Calibration Type and Frequency	Measuring Device ID	Calibrated By/ Calibration Date	Calibration certificate #	Next Calibration Due Date
					Project Start
		00	ר		
			0		
	XO	X			
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## J. CONTRACT REVIEW AND SUBMITTALS

The contract for this project, [ProjectName] - [ProjectNumber], has been reviewed, approved, and signed by the Senior Manager, Project Manager, and the Quality Manager.

Fulfilling customer contract expectations is a primary objective of the [CompanyName] Quality System. To ensure that customer expectations will be fulfilled, [CompanyName] clearly defines the requirements for each contract before it is approved.

The Project Manager ensures that the information in customer contracts clearly defines customer expectations and that the necessary details are provided to set requirements for construction.

#### **CONTRACT REVIEW AND APPROVAL**

The Senior Manager conducts customer contract reviews to ensure that:

- Customer requirements and specifications are complete
- Customer requirements and specifications are compatible with the relevant regulations, [CompanyName] quality standards, and Quality System requirements
- [CompanyName] has the capability to deliver the completed project in the time allotted

Before construction begins, the Senior Manager makes sure that all contract requirements are clearly understood, all discrepancies are resolved, and all requirements are agreed upon. Once these requirements are met, the Senior Manager signs the contract.

#### **SUBMITTALS**

Lists of documents and records that will be submitted to the customer appear on the Submittal Schedule and Log form. The Submittal Schedule and Log Form exhibit is included in this subsection.

#### SUBMITTAL SCHEDULE AND LOG

The Project Manager identifies submittals that apply to a specific contract and when they should be submitted, including:

- Contract requirement reference (if applicable)
- Submittal type: Shop drawing, product data, quality inspection and test plan, request for information, or allowances and unit prices
- Description
- Due date for submission to customer by [CompanyName]
- Due date for approval by the customer. Due dates may be a number of days after a project plan milestone.
- Approval date

#### SUBMITTAL REVIEW AND APPROVAL

The Quality Manager prepares submittals that provide additional details of how [CompanyName] plans to carry out quality-related aspects of the customer contract, contract technical specifications, and contract drawings and reporting of quality records to the customer.

The Quality Manager lists, schedules, and approves all quality-related submittals that are required by the project including submittals prepared by subcontractors and suppliers. The Quality Manager must review all submittals for compliance with the requirements of the [CompanyName] Quality System. The Quality Manager must sign approval of each contract submittal.

[CompanyName] extends compliance to contract specifications to all customer approved submittals. All [CompanyName] activities comply with customer approved submittals.

#### **SUBMISSION TO CUSTOMER**

See Submittal Forms exhibits in this subsection for all the forms that will be used to submit submittals on this project.

#### **CUSTOMER APPROVED SUBMITTALS**

The Project Manager obtains the signature of an authorized customer representative on the submittal form.

[CompanyName] extends compliance to contract specifications to customer approved submittals.

Work in the affected area of a pending submittal requirement does not start until the customer approves the submittal.

#### **CONTRACT SUBMITTAL SCHEDULE**

The Project Manager identifies submittals that apply to a specific contract and when they should be submitted, including:

- Contract requirement reference (if applicable)
- Submittal type: Shop drawing, product data, quality inspection and test plan, request for information, or allowances and unit prices
- Description
- Due date for submission to customer by [CompanyName]
- Due date for approval by the customer. Due dates may be a number of days after a project plan milestone.
- Approval date

#### **CONTRACT WARRANTY**

The Project Manager ensures that customer contracts clearly specify warranty coverage including:

- Scope
- Starting date
- Duration

The Project Manager ensures that customer contracts also clearly specify owner responsibility for:

- Restrictions of use
- Maintenance requirements
- Exclusions for customer supplied materials or equipment
- Timely notification of problems

[CompanyName][CompanySuffix] Project Submittal Form					
Submittal ID#	Project ID	Project Name	Date		
	[ProjectNumber]	[ProjectName]			
То:		From: [CompanyName] Location:	2121		
Type of Submittal:		Description of submittal:			
Product data Request for information Completed form or quality re Quality system document Other:	cord	Reite			
List of attachments:	2°CC	Remarks:			
Submittal Prepared by: [CompanyName]		Submittal Approved by [Companyl	Name] Quality Manager:		
Name: Title:		Title:			
Signature / Date:	$\sim$	Signature / Date:			
Customer Disposition:		Customer Representative:			
Conditionally approved, result comments)	bmission not required (see	Name: Title:			
Disapproved, resubmission re	equired	Signature / Date:			
Comments:					

#### [CompanyName][CompanySuffix] Project Submittals Schedule and Log

Contract ID	Contract Name	Preparer	Date	Notes
[ProjectNumber]	[ProjectName]	[ProjectManagerName]		

Contract Section Activity ID	Technical Specification Reference / Version Date	Type/Description of Submittal	Version /Date	Required Submittal Date	Date Submitted to Customer	Required Customer Approval Date	Customer Approval Date
		9					
	S	n <sup>e</sup>			]]		
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## **K.** CONTROL OF NONCONFORMANCES

Should a nonconformance be identified by an inspection, a systematic method will be used to control the item, correct it, and ensure that project quality is not adversely impacted by the event.

Nonconformances and their resolution are recorded on a Nonconformance Report form. A

#### MARKING OF NONCONFORMANCES AND OBSERVATIONS

When the Quality Manager, Superintendent, inspector, or customer identifies a nonconformance or an observation, the item is quickly and clearly marked by tape, tag, or other easily observable signal to prevent inadvertent cover-up.

#### **CONTROL THE CONTINUATION OF WORK**

After the item is marked, the Superintendent determines if work can continue in the affected area:

CONTINUE WORK: When continuing work does not adversely affect quality or hide the defect, work may continue in the affected area while the disposition of the item is resolved. The Superintendent may place limitations on the continuation of work.

STOP WORK ORDER: When continuing work can adversely affect quality or hide the defect, work must stop in the affected area until the disposition of the item resolved. The Superintendent identifies the limits of the affected area. The Superintendent quickly and clearly identifies the boundaries of the stop work area.

#### **RECORDING OF NONCONFORMANCES**

If nonconformances or observed items exist by the work task completion inspection, the Superintendent or inspector records the nonconformances on a nonconformance report.

The Superintendent sends the nonconformance report to the Quality Manager.

#### **QUALITY MANAGER DISPOSITION OF NONCONFORMANCE REPORTS**

When the Quality Manager receives a Nonconformance Report, he or she assesses the affect the reported nonconformance has on form, fit, and function. The Quality Manager may assign a disposition of either:

REPLACE: The nonconformance can be brought into conformance with the original specification requirements by replacing the nonconforming item with a conforming item.

REPAIR: The nonconformance can be brought into conformance with the original requirements through completion of required repair operations.

REWORK: The nonconformance can be made acceptable for its intended use, even though it is not restored to a condition that meets all specification requirements. The Quality Manager may specify standards that apply to the completion of rework. Rework nonconformances must be approved by the customer.

[CompanyName][CompanySuffix] Nonconformance Report				
Nonconformance Report Control ID	Project ID	Project Name		
	[ProjectNumber]	[ProjectName]		
Preparer Signatu	re/ Submit Date	Quality Manager Signature / Disposition Date		
		S		
Description of the requirement or specification				
Description of the nonconformance, location, affected area, and marking				
Disposition	Replace Repair Rework Use As-is			
	Approval of disposition required by customer representative? Yes No			
Corrective Actions	Customer approval signature / date:			
Preventive Actions	□Preventive actions completed N	lame/Date:		

[CompanyName][CompanySuffix] Nonconformance Report Control Log								
Project ID	Project Name	Р	reparer	Date				
[ProjectNumber]	[ProjectName]							
Nonconformance Report ID #	Description of Nonconformance	Report Date	Disposition Decision Date	Corrective Comple				
			.05 /	Initial	Date			
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#### **TELECOM/UTILITY INSPECTION CHECKLISTS**

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Concrete - Co	ncrete	Placement 03.35.00	
Project: Phase:	Contract#:	Subcontractor:	Crew:
Compliance Verification	YES NO	Heightened Awareness Checkpoints	
<ul> <li>Compliance with initial job-ready requirements</li> <li>Compliance with material inspection and tests</li> <li>Compliance with work in process first article inspection requirements</li> <li>Compliance with work in process inspection requirements</li> <li>Compliance with Task completion inspection requirements</li> <li>Compliance with inspection and test plan</li> <li>Compliance with safety policies and procedures</li> </ul>		<ul> <li>ENGINEER/ARCHITECT prior to C</li> <li>No damage to coated reinforcing e activities</li> <li>Adequate water is present to wet fi prevent smearing of the finish</li> <li>Color admixture evenly distributed (no streaking or color variations)</li> <li>Surface Grooves orientated to direct Adequate form release agent has b stamps</li> <li>Finished surfaces are free of pin ho surface irregularities</li> <li>Finishing is smooth and ready to re (carpet// tile// etc.)</li> </ul>	Concrete Placement xposed during patching nishing equipment and throughout concrete mix ct water off of the slab been applied to concrete bles// spalling// and other eceive surface treatment
Reported Nonconformances and incomplete items:	6	n Sign off	
Quality 5 4 3 2 1 Notes:	ompleti	on Sign-on	
On-Time 54321 Notes:			
Safety 5 4 3 2 1 Notes:			
Sign and date*: Cell # / ID #:	_Signed:	Date:	
$\begin{array}{c c} \hline \textbf{Quality Score} \\ \hline \textbf{Qn-Time Score} \\ \hline \textbf{Safety Score} \end{array} & \begin{array}{c} 5 = 100\% \text{ NO problems} \\ 5 = 0n \text{ Time} \\ 5 = 100\% \text{ NO problems} \end{array} & \begin{array}{c} 4 = 1 \text{ minor problem} \\ 4 = Late \\ 4 = 1 \text{ minor problem} \end{array}$	$\beta = La$	tspot or 2-3 minor $2 = 6+$ or major problemste by 1 day $2 = Late by 2 days$ tspot or 2-3 minor $2= 4+$ or major problem	I = Excessive problems I = Late more than 2 days I = Injury Copyright 2012 First Time Quality

	Concrete - Conc	crete R	einforci	ing 03.20.00	
Project:	Phase:	Contract#:		Subcontractor:	Crew:
Compliance Verification		YES NO	Heightened	Awareness Checkpoints	
<ul> <li>Compliance with initial jor ready requirements</li> <li>Compliance with materia</li> <li>Compliance with work in article inspection require</li> <li>Compliance with work in inspection requirements</li> <li>Compliance with Task correquirements</li> <li>Compliance with inspect</li> <li>Compliance with inspect</li> <li>Compliance with safety presented Nonconformances</li> </ul>	I inspection and tests process first ements process ompletion inspection ion and test plan policies and procedures		Support cha Store and h not damage Reinforcing placement Reinforcing Welded Wird movable by Stressed Te secure Fiber Reinfo concrete pla Concrete Re	andle coated reinforcing the coating coating is intact and co is stable for concrete p e Reinforcing supporte foot traffic andon Reinforcing anch procement added to cond acement	blacement d so as not to be nor points are stable and crete just prior to with ENGINEER before
C	Scores and Co	ompletio	n Sign-off		
	nes: nes:				
Safety 5 4 3 2 1 <sup>No</sup>	nes:				
Sign and date*: Cell # / ID #:		Signed:		Date:	
Task has been verified complete and in complianc	e with contract drawings and specifications excep	ot for non-conforma	nces an d incompl	lete items reported above.	
Quality Score         5 = 100% NO I           Qn-Time Score         5 = 0n Time           Safety Score         5 = 100% NO I	4 = Late	3 = Latel	oot or 2-3 minor oy 1 day oot or 2-3 minor	2 = 6+ or major problems 2 = Late by 2 days 2= 4+ or major problem	I = Excessive problems I = Late more than 2 days I = Injury Copyright 2012 First Time Quality

	Earthwork - Ex	cavatir	ng and F	ill 31.23.00			
Project:	Phase:	Contract#:		Subcontractor:	Crew:		
Compliance Verification	·	YES NO	Heightened A	Awareness Checkpoints			
Compliance with initial job- ready requirements			<ul> <li>Underground Facilities are located and marked</li> <li>Prevent damage to Underground Facilities in equipment traffic areas</li> </ul>				
Compliance with mater	rial inspection and tests			regulatory requiremen	ts for disposal of		
Compliance with work article inspection requi				y trenches fro directing	g muddy runoff into		
<ul> <li>Compliance with work inspection requiremen</li> <li>Compliance with Task</li> </ul>	(horiz	Trenches allow for proper utility separation distances (horiz. +& vert.) Compaction / moisture inspection services are scheduled as needed					
requirements		settlement d	where utilities enter structures to prevent at damage ackfill in excessive lifts that cannot be adequ				
□ Compliance with safety	·		compacted Below grade backfilling	walls are properly su	oported prior to adjacent		
		S	Flowable Fill				
C	Scores and C	ompletior	n Sign-off				
Quality 54321	Notes:						
On-Time 54321	Notes:						
Safety 5 4 3 2 1	Notes:						
Sign and date*: Cell # / ID #:	nce with contract drawings and specifications exce	_Signed: pt for non-conformat	nces and incomple	Date:Date:			
Quality Score         5 = 100% N           On-Time Score         5 = 0n Time           Safety Score         5 = 100% N	4 = Late	3 = Latel	ot or 2-3 minor vy 1 day ot or 2-3 minor	2 = 6+ or major problems 2 = Late by 2 days 2= 4+ or major problem	I = Excessive problems I = Late more than 2 days I = Injury Coovridht 2012 First Time Quality		

	Earthw	ork - Gra	ding 31.	.22.00		
Project:	Phase:	Contract#:	-	Subcontractor:	Crew:	
Compliance Verification		YES NO	Heightened	Awareness Checkpoints	<u> </u>	
<ul> <li>Compliance with initial job- ready requirements</li> <li>Compliance with material inspection and tests</li> </ul>						
<ul> <li>Compliance with material inspection and tests</li> <li>Compliance with work in process first article inspection requirements</li> <li>Compliance with work in process</li> </ul>			Compaction / moisture inspection are s		N.O.	
<ul> <li>Compliance with work in process inspection requirements</li> <li>Compliance with Task completion inspection requirements</li> </ul>			<ul> <li>Quality of topsoil is acceptable</li> <li>Surface drainage is maintained away from structures a as per Plans</li> <li>Protect vegetation from excessive adjacent soil buildup</li> </ul>			
□ Compliance with insp	pection and test plan			6		
Compliance with safe	ety policies and procedures					
	elect	c		~		
	Scores and	Completio	n Sign-off			
Quality 5432	1 Notes:	~				
On-Time 5432	<b>1</b> Notes:					
Safety 5 4 3 2	1 Notes:					
Sign and date*: Cell # / ID #: Task has been verified complete and in con	npliance with contract drawings and specifications	Signed: except for non-conforma	nces an d incompl	Date:		
<u>On-Time Score</u> $5 = On T$	6 NO problems     4 = 1 minor problem       ime     4 = Late       6 NO problems     4 = 1 minor problem	3 = Late	oot or 2-3 minor by 1 day oot or 2-3 minor	2 = 6+ or major problems 2 = Late by 2 days 2 = 4+ or major problem	<i>l</i> = <i>Excessive problems</i> <i>l</i> = <i>Late more than 2 days</i> <i>l</i> = <i>Injury</i> Copyright 2012 First Time Quality	

Electrical - Elect	ectrical and Ca	thodic Protection 26	<b>.40.00</b>		
Compliance Verification	YES NO	Heightened Awareness Checkpoin	<u>uts</u>		
<ul> <li>Compliance with initial jobready requirements</li> <li>Compliance with material inspection a</li> <li>Compliance with work in process first article inspection requirements</li> <li>Compliance with work in process inspection requirements</li> <li>Compliance with Task completion inspection requirements</li> <li>Compliance with inspection and test p</li> <li>Compliance with safety policies and presented Nonconformances and incompleted Nonco</li></ul>	spection	<ul> <li>Anti-oxidant paste applied to connections of dissimilar metals</li> <li>Connections tight and free of corrosion// paint// and oth non-conductive materials</li> <li>Ground rods / plates not located in rock or stone fill</li> <li>Conductors secured to prevent movement and chafe</li> <li>Multi-strand wire or strap connectors utilized on movat connections</li> <li>System tested for continuity</li> <li>Grounding conductors routed in most direct path possi</li> <li>No sharp bends or turns in conductors</li> </ul>			
		- 0'			
Quality 5 4 3 2 1 Notes:	cores and Completio				
Safety 5 4 3 2 1 Notes:					
Sign and date*: Cell # / ID #:	Signed:	Date	:		
ask has been verified complete and in compliance with contract drawings	and specifications except for non-conforma	nces a n d incomplete items reported above.			
$\frac{On-Time\ Score}{S=6.4\pm Score} \qquad 5 = On\ Time \qquad 4 =$	= Late $3 = Late$	bot or 2-3 minor by 1 day $2 = 6+$ or major problems 2 = Late by 2 days 2 = 4+ or major problem	I = Excessive problems I = Late more than 2 days I = Injury Copyright 2012 First Time Quality		

Electrical - Grounding and E           Project:         Phase:	Contract#:	Subcontractor:	Crew:
ompliance Verification		Awareness Checkpoints	_
<ul> <li>Compliance with initial jobready requirements</li> <li>Compliance with material inspection and tests</li> <li>Compliance with work in process first article inspection requirements</li> <li>Compliance with work in process inspection requirements</li> <li>Compliance with Task completion inspection requirements</li> <li>Compliance with inspection and test plan</li> <li>Compliance with safety policies and procedures eported Nonconformances and incomplete items:</li> </ul>	non-conduct Anti-oxidan Shielding g Ground cate waterproof Metal cond System Ground rod Wiring sect Multi-strand connection	onduits// boxes// panels// etc. bonded to Grounding l rods not located in rock or stone fill secured to prevent movement and chafe rand wire or strap connectors utilized on movable	
Scores and C	Completion Sign-off		
Quality 54321 <i>Notes:</i> Dn-Time 54321 <i>Notes:</i>			
Safety 5 4 3 2 1 Notes:			
ign and date*: Cell # / ID #:	_Signed: ept for non-conformances a n d incom	Date:	
Quality Score     5 = 100% NO problems     4 = 1 minor problem       On-Time Score     5 = On Time     4 = Late       Safety Score     5 = 100% NO problems     4 = 1 minor problem	3 = Hotspot  or  2-3  minor 3 = Late  by  1  day 3 = Hotspot  or  2-3  minor	2 = 6+ or major problems 2 = Late by 2 days 2= 4+ or major problem	I = Excessive problems I = Late more than 2 days I = Injury Copyright 2012 First Time Quality

Project:	Phase:	Contract#:	Subcontractor:	Crew:	
Compliance Verification		YES NO H	eightened Awareness Checkpoint	ts	
<ul> <li>Compliance with work article inspection req</li> <li>Compliance with work inspection requirement</li> <li>Compliance with Task requirements</li> <li>Compliance with insp</li> <li>Compliance with insp</li> <li>Compliance with safe</li> </ul>	erial inspection and tests in process first uirements in process nts completion inspection	<ul> <li>Labels and markers are permanent</li> <li>Labels are securely mounted or attached</li> <li>Cabling and wiring labeled on both ends</li> <li>Label material compatible with operational environment</li> <li>Names of rooms approved by OWNER before labels are purchased or mounted</li> <li>Instruction and warning signs are clearly located</li> <li>Panel circuit schedules complete and accurate</li> <li>Wiring schematics supplied to the OWNER</li> </ul>			
Quality 54321	Notes:	Completion Si	gn-off		
On-Time 54321	Notes:				
Safety 5 4 3 2 1	Notes:				
Sign and date*: Cell # / ID #: fask has been verified complete and in comp	liance with contract drawings and specifications exc	Signed:	n d incomplete items reported above.		
<u>On-Time Score</u> $5 = On Tin$	NO problems4 = 1 minor problemne4 = LateNO problems4 = 1 minor problem	3 = Hotspot  or  1 3 = Late  by  1  dat 3 = Hotspot  or  2	2 = Late by 2 days	<i>I</i> = Excessive problems <i>I</i> = Late more than 2 days <i>I</i> = Injury Copyright 2012 First Time Quality	

Project:	Phase:		Contract#:		Subcontractor:	Crew:
Compliance Verification	<u> </u>		YES NO		Awareness Checkpoints	<u> </u>
<ul> <li>Compliance with ir ready requirement</li> <li>Compliance with marticle inspection require</li> <li>Compliance with was inspection require</li> <li>Compliance with Trequirements</li> <li>Compliance with ir</li> <li>Compliance with is</li> <li>Reported Nonconform</li> </ul>	ts naterial inspection vork in process fin requirements vork in process ments cask completion hspection and te afety policies an	rst inspection st plan d procedures		Transformer Pransformer environmen Ventilation of dirt// debris/ Flexible con Anti-oxidant junctions Electrical co Proper seco voltages det Clear acces	r set plumb and level rs mounted to suppres r enclosure applicable it (NEMA 1// NEMA 3R openings protected from // and insects iduit connection to race paste applied to copp onnections tight and se ondary phase-to-phase termined prior to connect ansformers certified fre	to the surrounding // etc.) m intrusion of water// eway systems er/aluminum connection cure and phase-to-neutral ecting loads d as per local code
Quality 5432	2 1 Notes:	Scores and Co	ompletio	n Sign-off		
Dn-Time 5432	<b>1</b> Notes:					
Safety 5 4 3 2	1 Notes:					
Sign and date*: Cell # / ID #: ask has been verified complete and in			Signed:	nces an d incompl	Date:	
<u>On-Time Score</u> $5 = 0$	00% NO problems n Time 00% NO problems	4 = 1 minor problem 4 = Late 4 = 1 minor problem	3 = Late	oot or 2-3 minor by 1 day oot or 2-3 minor	2 = 6+ or major problems 2 = Late by 2 days 2= 4+ or major problem	I = Excessive problems I = Late more than 2 days I = Injury Copyright 2012 First Time Quality

		Metals - Me	etal De	cking 0	5.30.00	
Project:	roject: Phase:		Contract#:		Subcontractor:	Crew:
Compliance Verification			YES NO	Heightened	Awareness Checkpoints	••
<ul> <li>Compliance with init ready requirements</li> <li>Compliance with ma</li> <li>Compliance with wo article inspection red</li> <li>Compliance with wo inspection requirem</li> <li>Compliance with Tas requirements</li> <li>Compliance with ins</li> <li>Compliance with ins</li> <li>Compliance with saf</li> <li>Reported Nonconformar</li> </ul>	terial inspection rk in process find quirements rk in process ents sk completion pection and te fety policies an	rst inspection st plan d procedures		Deck units s Shop applied blemishes Welded com blow holes of Ridge and v Spray-on fire Sound abso cells Concrete for Joints in rac Holes and o	or other irregularities valley plates provide tig eproofing evenly applie rbing filler material sec rm decking free of defl eway decking assemb	ts ng intact and without ven, clean, and free of ght fitting closures ed and without gaps curely placed in webs / ection and movement lies fully sealed ad other projections are
	S	Scores and Co	ompletion	n Sign-off		
Quality 5432	1 Notes:	Sec.				
On-Time 5432	<b>1</b> Notes:					
Safety 5 4 3 2	<b>1</b> Notes:					
Sign and date*: Cell # / ID #:	mpliance with contract dra		Signed: t for non-conforma	nces an d incompl	Date:	
<u>On-Time Score</u> $5 = On T$	% NO problems Time % NO problems	4 = 1 minor problem 4 = Late 4 = 1 minor problem	3 = Late	oot or 2-3 minor by 1 day oot or 2-3 minor	2 = 6+ or major problems 2 = Late by 2 days 2= 4+ or major problem	I = Excessive problems I = Late more than 2 days I = Injury Copyright 2012 First Time Quality

	Metals - Structu	Iral Ste	el Framing 05.12.00		
Project:	Phase:	Contract#:	Subcontractor:	Crew:	
Compliance Verification		YES NO	Heightened Awareness Checkpoints	<u> </u>	
<ul> <li>Compliance Verification</li> <li>Compliance with initial jobready requirements</li> <li>Compliance with material inspection and tests</li> <li>Compliance with work in process first article inspection requirements</li> <li>Compliance with work in process inspection requirements</li> <li>Compliance with Task completion inspection requirements</li> <li>Compliance with inspection and test plan</li> <li>Compliance with safety policies and procedures</li> <li>Reported Nonconformances and incomplete items:</li> </ul>		<ul> <li>Shop applied primer and galvanizing intact and witho blemishes</li> <li>Drainage holes installed to prevent water traps with unobstructed openings</li> <li>Bearing base plates fully and evenly supported</li> <li>Connecting bolts, washers, and nuts tight and clean or dirt/rust</li> <li>Welded connections continuous, even, clean, and free blow holes or other irregularities</li> <li>Connecting hardware and welds primed with paint of same quality as the shop coat</li> <li>Openings in structural members approved by ENGIN</li> <li>Spray-on fireproofing evenly applied and without gaps</li> <li>Framing members free of twist, bow, buckle, or other directional irregularity</li> <li>Framing members installed plumb, level, and true to be a structure of the s</li></ul>			
	Scores and C	ompletio	n Sign-off		
Quality 54321	Notes:				
On-Time 54321	Notes:				
Safety 5 4 3 2 1	Notes:				
Sign and date*: Cell # / ID #: Task has been verified complete and in comp	pliance with contract drawings and specifications exce	_Signed: pt for non-conforma	Date:Date:		
On-Time Score	NO problems4 = 1 minor problemne4 = LateNO problems4 = 1 minor problem	3 = Late	pot or 2-3 minor $2 = 6+$ or major problemsby 1 day $2 = Late$ by 2 dayspot or 2-3 minor $2= 4+$ or major problem	l = Excessive problems l = Late more than 2 days l = Injury Copyright 2012 First Time Quality	

Project:	Phase:	Contract#:	Subcontractor:	Crew:		
Compliance with v article inspection	nitial job- ts naterial inspection and tests vork in process first requirements		Heightened Awareness Checkpoin iping has sufficient cover for an iping bury below frost line roper separation between water naintained (10' horizontal// 18" v echanically restrained joints tig ush-on joints fully inserted horust blocking and anchors in g	ticipated traffic r and sewer lines ertical with water on top) ht and secure		
requirements Compliance with in Compliance with s		fi F F C P d V	firmly attached Fittings and accessories compatible (material// pressur rating// connection type) with the piping utilized Protective coating/wrap is intact// uniform// and free of damage			
Quality 5432 Dn-Time 5432 Safety 5432	2 1 Notes: 2 1 Notes:	d Completion S	Sign-off			
Sign and date*: Cell # / ID #: ask has been verified complete and in	compliance with contract drawings and specifications	Signed: except for non-conformances	Date: a n d incomplete items reported above.			
<u>On-Time Score</u> $5 = 0$	00% NO problems     4 = 1 minor problem       m Time     4 = Late       00% NO problems     4 = 1 minor problem	3 = Late by 1	$day \qquad 2 = Late by 2 days$	I = Excessive problems I = Late more than 2 days I = Injury Copyright 2012 First Time Quality		

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