

# Quality Control & Project Literature

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## QUALITY CONTROL INSPECTION REPORT

JOB # \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

### QUALITY CONTROL CHECKLIST

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Area / Item: \_\_\_\_\_

	ACCEPT	REJECT	NOTE
<b>Environment</b>	_____	_____	_____
<b>Surface Profile</b>	_____	_____	_____
<b>Surface Cleanliness</b>	_____	_____	_____
<b>Surface Temperature</b>	_____	_____	_____
<b>Base Coat</b>	_____	_____	_____
<b>Intermediate Coat</b>	_____	_____	_____
<b>Top Coat</b>	_____	_____	_____
<b>Total Film Thickness</b>	_____	_____	_____
<b>Spark Test</b>	_____	_____	_____

QC Inspector: \_\_\_\_\_

Date Of Inspection: \_\_\_\_\_



## QUALITY CONTROL INSPECTION REPORT

JOB # \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

### QC Checklist For Coating Application

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Area / Item: \_\_\_\_\_

YES	NO	N/A
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

#### AMBOENT CONDITIONS

- Is the air temperature between \_\_\_\_ F and \_\_\_\_ F?
- Is the surface temperature between \_\_\_\_ F and \_\_\_\_ F?
- Is the relative humidity below \_\_\_\_ %?
- Is the dew point at least 5 F below the surface temperature?
- If required, is the environment control equipment in place and operational?

#### COATING MATERIAL

Primer \_\_\_\_\_ Intermediate \_\_\_\_\_  
 Finish \_\_\_\_\_ Touch Up \_\_\_\_\_  
 Batch # \_\_\_\_\_

Application Equipment \_\_\_\_\_

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

- Is the compressed air supply free of oil and moisture?
- Is the surface free of oil, grease, moisture and contamination?
- Has the surface remained acceptable per SSPC-SP- \_\_\_\_ ?
- Is the surface free of dust, dirt and spent abrasives?
- Are the required protective coverings in place?
- Is the mixing and application equipment clean and operational?
- Are wet film thickness guages being used by the applicator?
- Has the material been mixed per the manufactor's instructions?
- Has the material been spplied with the usable pot life?

QC Inspector: \_\_\_\_\_ Date Of Inspection: \_\_\_\_\_

# ARCOR® Daily coating Inspection Report

Job: _____  To: _____	Purchase Order # _____	Day _____	Report _____
	Contractor _____	Shift _____	Sheet _____
	Forman _____	Inspector _____	Date _____

Time	Location	Dry Bulb	Wet Bulb	Rel Hum	Dew Point	Surf Temp	Meth	Operations Permitted / Comments

No.	Item	Specific Location	Operation	OK / Follow	Surface Preparation				Coating Material			Coating Thickness			
					Cleanliness Profile				Material Spec	App Method	Batch Numbers	Spec	Actual		Method
					Spec	Actual	Reading	Meth					Avg.	Range	

Commentary	Distribution:	Key	Instrument	Serial No.
		PS	Sling Psychrometer	
		PN	Psychron	
		ST	Surface Temp. Therm	
		TG	Tooke Gauge	
		C	K-t Comparator (S;SH;GS)	
		W	Wet Film Gauge	
		M	Mikrotest	
		I	Inspector Gauge	
		B-Brush	T-Trowel	AS-Airless Spray
		R-Roller	CS-Conventional Spray	



## QUALITY CONTROL INSPECTION REPORT

JOB # \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

### Surface Contamination Analysis (KTA)

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Area / Item: \_\_\_\_\_

Calculation	Determination 1	Determination 2
Line (1) Tritrator Strip Reading	(ppm)	(ppm)
Line (2) Volume of water	Milliliters (ml)	Milliliters (ml)
Line (3) = Line (1) x Line (2) (cm <sup>2</sup> = 6.45 x in <sup>2</sup> )	Micrograms ( µg Cl-)	Micrograms ( µg Cl-)
Line (4) Surface Area Swabbed	(cm <sup>2</sup> )	(cm <sup>2</sup> )
Line (5) = Line (3) / Line (4)	µg (Cl-) per cm <sup>2</sup>	µg (Cl-) per cm <sup>2</sup>
Line (6) = Line (5) x 10	µg (Cl-) per M <sup>2</sup>	µg (Cl-) per M <sup>2</sup>

QC Inspector: \_\_\_\_\_

Date Of Inspection: \_\_\_\_\_





## QUALITY CONTROL INSPECTION REPORT

JOB # \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

### QC Checklist For Surface Preparation

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Area / Item: \_\_\_\_\_

YES	NO	N/A	PRELIMINARY CONDITIONS
_____	_____	_____	Is the compressed air supply free of oil and moisture?
_____	_____	_____	Is the surface free of greese, oil, tar and crayon marks?
			List the type(s) of contamination: _____

_____	_____	_____	Is the surface dry and moisture free?
_____	_____	_____	Are steel defects present?
			List the types of defects: _____

#### SOLVENT CLEANING

_____	_____	_____	Is solvent cleaning required?
_____	_____	_____	Are clean regs, clean brushes and proper solvent available?
_____	_____	_____	Was solvent cleaning completed as required per SSPC-SP-1?

#### AMBIENT CONDITIONS

_____	_____	_____	Is the air temperature between ___ F and ___ F?
_____	_____	_____	Is the surface temperature between ___ F and ___ F?
_____	_____	_____	Is the relative humidity below ___ %?
_____	_____	_____	Is the dew point at least 5 F below the surface temperature?
_____	_____	_____	If required, is the enbvironmental control equipment in place and operational?

#### ISPECTION RESULTS

_____	_____	_____	Was the surface preparation operation completed during the shift?
_____	_____	_____	Did the level of cleanliness meet SSPC-SP- ?
_____	_____	_____	Are two surface profile readings above ___ mils (.001 in)?
_____	_____	_____	Has the surface quality been accepted by thye owners QC Department?

QC Inspector: \_\_\_\_\_ Date Of Inspection: \_\_\_\_\_



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## QUALITY CONTROL INSPECTION REPORT

JOB # \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

### Surface Profile Record

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Area / Item: \_\_\_\_\_

Area #	Profile Reading

Area #	Profile Reading

Area #	Profile Reading

Area #	Profile Reading

QC Inspector: \_\_\_\_\_

Date Of Inspection: \_\_\_\_\_



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## QUALITY CONTROL INSPECTION REPORT

JOB # \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

### High Voltage Spark Testing Record

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Area / Item: \_\_\_\_\_

Serial #	Defect Location	Repair
		Date: _____ Retest: _____
		Date: _____ Retest: _____
		Date: _____ Retest: _____
		Date: _____ Retest: _____
		Date: _____ Retest: _____
		Date: _____ Retest: _____
		Date: _____ Retest: _____
		Date: _____ Retest: _____
		Date: _____ Retest: _____

Spark Tester Serial # \_\_\_\_\_

QC Inspector \_\_\_\_\_

Voltage Setting \_\_\_\_\_

Wind Type \_\_\_\_\_

Inspection Date \_\_\_\_\_



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## QUALITY CONTROL INSPECTION REPORT

JOB # \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

### Dry Film Thickness reading

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Area / Item: \_\_\_\_\_

Location			
Thickness mils (0.001")	T	Avg.	%/ min
Sum of Averages			
Average of Five Readings			

Location			
Thickness mils (0.001")	T	Avg.	%/ min
Sum of Averages			
Average of Five Readings			

Location			
Thickness mils (0.001")	T	Avg.	%/ min
Sum of Averages			
Average of Five Readings			

Location			
Thickness mils (0.001")	T	Avg.	%/ min
Sum of Averages			
Average of Five Readings			

QC Inspector: \_\_\_\_\_ Date Of Inspection: \_\_\_\_\_



