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Evaluation of VpCI-146 Paper

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Results reported by:

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Results approved by:

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Director of Innovations and New Technologies



Background: A sample of VpCI-146 paper was submitted for testing to determine if it passes. The VpCI-146 is used to wrap large metal rolls. Rolls are used for aluminum production. Rolls go through a grinding process after manufacturing and then wrapped with paper to prevent rusting. This process has been used for years using Cortec paper with no issues prior to this.

Method: VIA Test, CC-027
 Razor Blade Test, CC-004*
 *The tests marked are not covered under Cortec Laboratories, Inc. ISO 17025 Scope of Accreditation

Materials: VIA test supplies (quart size jars with lid apparatus, steel plugs, 320grit sandpaper)
 Glycerol (lot #W20E023)
 Methanol, ACS grade (lot #18F066507)
 40°C oven (#10)

Procedure: The VIA and razor blade tests were conducted according to standard procedure.

Results: The following results were found:

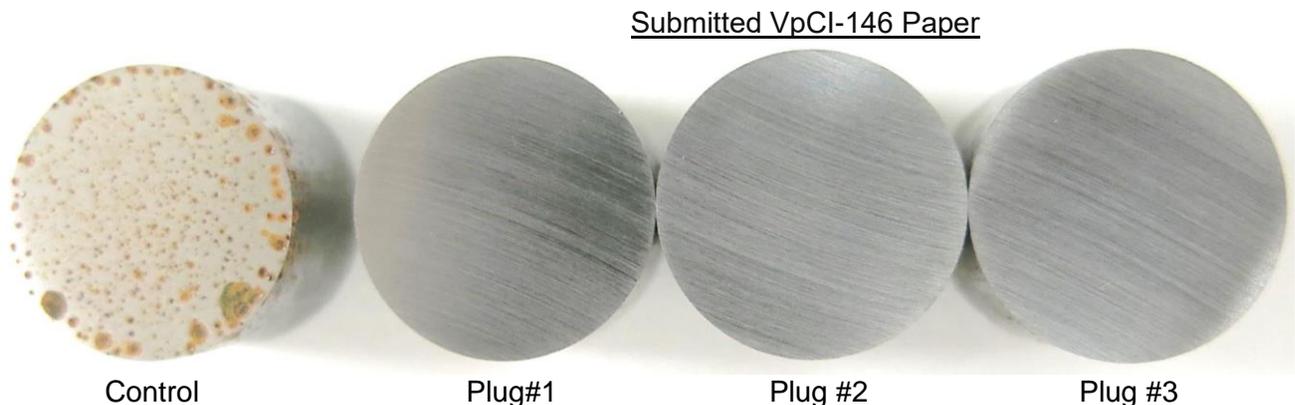
Razor Blade Test- Steel Panels

Film Sample	Panel #1	Panel #2	Panel #3	End Result
Submitted VpCI-146 Paper	Pass	Pass	Pass	Pass
Control	Fail	-	-	Fail

VIA Test

Sample	Plug #1	Plug #2	Plug #3	End Result
Submitted VpCI-146 Paper	Grade 3	Grade 3	Grade 3	Pass
Control	Grade 0	-	-	Fail

Photos from VIA Testing:



VIA Test Grades (Grade 2 or 3 are passing)
 All three plugs must be grade 2 or better to pass the test

		
		Grade 0
Grade 0:	Blind test No corrosion inhibiting effect	
Grade 1:	Blind test Minute corrosion inhibiting effect	Grade 1
Grade 2:	Blind test Medium corrosion inhibiting effect	
Grade 3:	Blind test Good corrosion inhibiting effect	Grade 2
		
		Grade 3

Interpretations: The submitted VpCI-146 paper passes the razor blade and VIA test.