

Handwritten signature and date: 10/07/13



PHYSICAL CARD TEST REPORT
REPORT PRODUCED FOR JOB Q29924
SET 15

TO: AMERICO RODRIGUEZ
JUNTA CENTRAL ELECTORAL
AV 27 DE FEBRERO ESQ LUPERON
ZONA INDUSTRIAL DE HERRERA
SANTO DOMINGO, 11113
DOMINICA

TEST COMPLETED BY ANDREW VONEIDA September 27, 2013
REPORT COMPLETED BY TERRY SCHINDLER October 7, 2013

Q-CARD Laboratories
301 Reagan St.
Sunbury, PA 17801
570-286-7447
www.q-card.com

Q-CARD completed testing of cards received on August 30, 2013, against an order for nine (9) different tests. The cards were received in new condition. Cards were labeled and identified for each test by Q-CARD. All of the data in this test report pertains to the tests that were ordered.

BLANK WHITE CARDS

Test No. 1

CARD TESTING FOR ID-1 CARD FLEXURE

Per ANSI/INCITS 322:2008, Section 5.4

Card ID	Axis	Side of Flex Extension	ANSI 440 Class	Credit Card Durability
Card 515V	B	Front Side Up	D5	Pass

PRINTED CARDS - BACK

Test No. 2

CARD TESTING FOR SURFACE ABRASION

Per ANSI/INCITS 322-2008, Section 5.9

Card ID	Stop Cycles	ANSI 440 CLASS
Card 515P	1250	D5

Test No. 3

CARD TESTING FOR DELAMINATION CROSS HATCH TAPE

Per ANSI/INCITS 322:2008, Section 5.3

Card ID	Scale Rating	Rating Meaning	
Card 515P	5	No Adhesion	Pass

Test No. 4

CARD TESTING FOR DAYLIGHT EXPOSURE IMAGE STABILITY-XENON ARC

Per ANSI/INCITS 322:2008, Section 5.16

Card ID	Side Exposed	Observation	Result
Card 515P	Back	Slight Yellowing	Pass

PRINTED CARDS - FRONT

Test No. 5

CARD TESTING FOR SURFACE ABRASION

Per ANSI/INCITS 322-2008, Section 5.9

Card ID#	Stop Cycles	ANSI 440 CLASS
Card S15P	1250	D5

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Test No. 6

CARD TESTING FOR DELAMINATION - 90°

Per ANSI/INCITS 322-2008, Section 5.2

Card ID#	P1	Side Front/Back
	Minimum Peel Force 36N/mm	
Card S15P	Pass	Front

Test No. 7

CARD TESTING FOR DELAMINATION CROSS HATCH TAPE

Per ANSI/INCITS 322:2008, Section 5.3

Card ID#	Scale Rating	Rating Meaning	
Card S15P	5	No Adhesion	Pass

Test No. 8

CARD TESTING FOR DAYLIGHT EXPOSURE IMAGE STABILITY-XENON ARC

Per ANSI/INCITS 322:2008, Section 5.16

Card ID#	Side Exposed	Observation	Result
Card S15P	Front	No Change	Pass

Test No. 9

CARD TESTING FOR CORNER IMPACT RESISTANCE

Per ANSI/INCITS 322:2008, Section 5.20

Card ID#	CORNER A	CORNER B	CORNER C	CORNER D	Visual Note
Card S15P	N/A	N/A	Pass	Pass	Delamination

Executive Summary

Tests that should be reviewed for failure assessment would be mentioned in this summary and all tests that passed 100% of the test requirements are not mentioned here. The test data for each test may be comprehensively reviewed in Annex A of this test report.

Thank you for using Q-CARD test laboratory services.

Sincerely,

Terry Schindler
Vice President – Technology Group
Q-Card Laboratories
301 Reagan Street
Sunbury, PA 17801
570-286-7447 or Mobile 570-847-4011
t.schindler@brush-qcard.com
www.q-card.com

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ANNEX A

PRINTED DATA ARCHIVE

Customer Name:

Job #: Q29924-SET15

Card Testing for ID-1 Card Flexure

Sampled By: ADV
 # of Samples Tested: 1
 Technician: ADV
 Time: 7:45 AM
 Date: 9/16/2013
 Temperature: 21.9 C
 Relative Humidity: 48%

Samples Preconditioned:
 Calibration Verified:

Valid Until: 2/14

Job Notes:

Card ID#	Axis	Side of Flex Extension	Cycle to Break	Length of Fractures (mm)	Description of Fracture	ANSI 440 Class
Card S15V	B	Front Side Up	>100,000	N/A	Pass	D5

Job #: Q29924-SET15 Customer Name: Junta

Card Testing for Crosshatch Delamination (Backside)

of Samples Tested: 1
Technician: CNJ
Time: 11:30 AM
Date: 9/16/2013
Temperature: 22.9 C
Relative Humidity: 46%

Card ID#	Scale Rating	Rating Meaning
Card S15P	5	No Adhesion Pass

Job Notes:

Card Testing for Xenon Arc Test Log (Backside)

Sampled By: ADV
 # of Samples Tested: 1
 Technician: ADV
 Time: 7:50 AM
 Date: 9/24/2013
 Temperature: 22.1 C
 Relative Humidity: 44%

Pre-Test Visual Inspection: Pass

Post-Test Visual Inspection: Pass

X

Samples Preconditioned

Card ID#	Pre-Test Visual Defects?	Card ID#	Post-Test Visual Defects?
Card 315P	No Defects	Card 315P	Slight Yellowing

Job Notes

Card High Resolution Images Pre/Post

X

.96 W/m2 @ 420 nm

168 Hour exposure time.

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Job #: Q29924-SET15 Customer Name: Junta Cental Electoral

Card Testing for Surface Abrasion - Front

Sampled By: ADV
of Samples Tested: 1
Technician: ADV
Time: 1:50 PM
Date: 9/12/2013
Temperature: 24.2 C
Relative Humidity: 47%

Calibration Verified: Valid Until: 3/14

Card ID#	Stop Cycles	ANSI 440 CLASS
Card S15P	1250	D5

Job Notes:

Customer Name: Junta Central Electoral

Job #: Q29924-SET15

Card Testing for Peel Strength

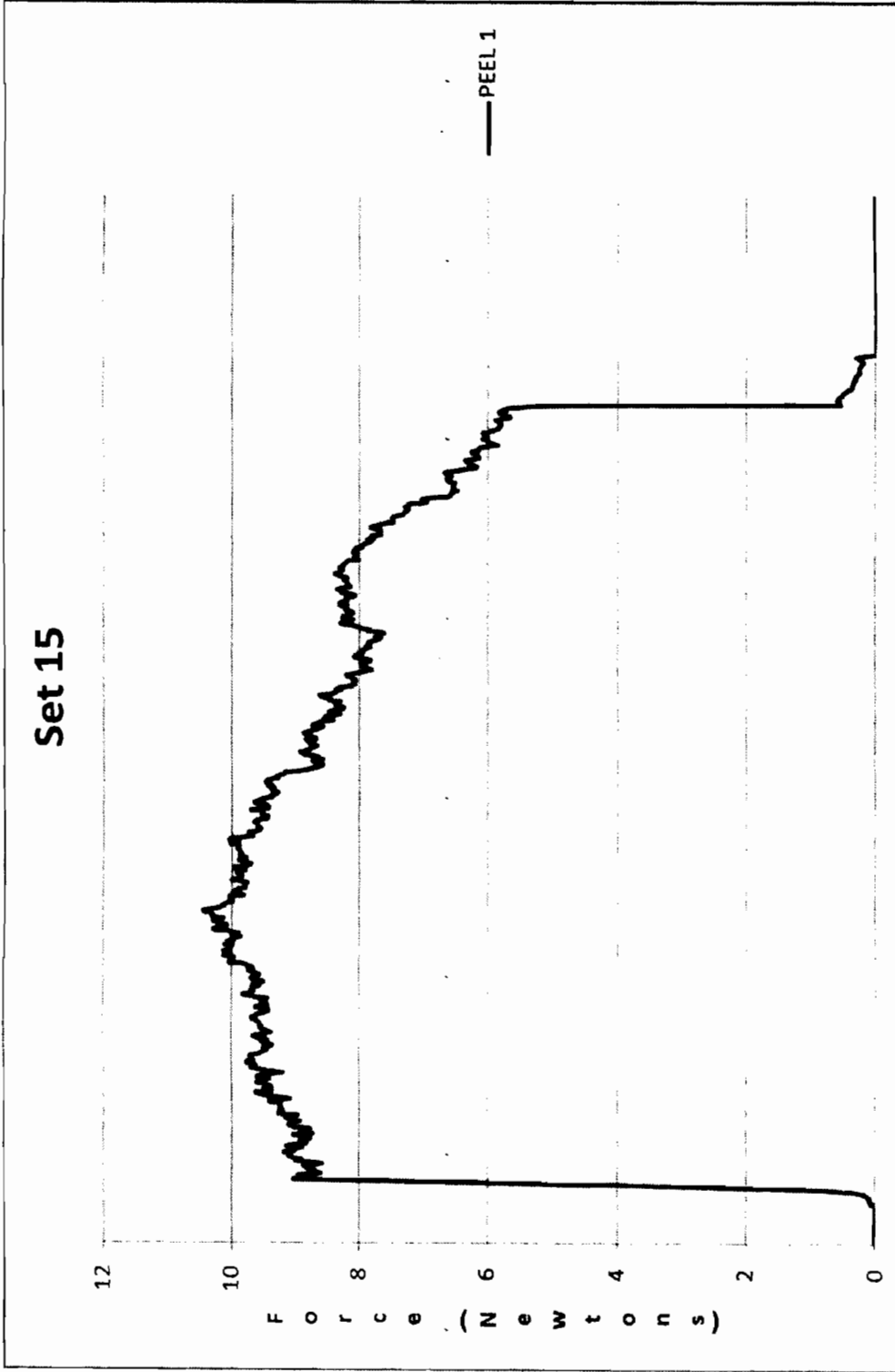
Card ID#	Pt	Slide
Card #157	Minimum Peel Force 35mm	Front/Back
	0.538	Front

Sampled By: ADV
 # of Samples Tested: 1
 Technician: ADV
 Time: 12:30 AM
 Date: 9/17/2013
 Temperature: 22.7 C
 Relative Humidity: 44%
 Calibration Verified: Valid Until: 6/14
 Samples Preconditioned:

Job Notes:



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Job #: Q29924-SET15 Customer Name: Junta

Card Testing for Crosshatch Delamination (Front)

of Samples Tested: 1
Technician: CNU
Time: 11:30 AM
Date: 9/16/2013
Temperature: 22.9 C
Relative Humidity: 46%

Card ID#	Scale Rating	Rating Meaning
Card #15P	5	No Adhesion Pass

Job Notes:

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2/14/2013
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Card Testing for Xenon Arc Test Log (Frontside)

Sampled By: ADV
 # of Samples Tested: 1
 Technician: ADV
 Time: 3:10 PM
 Date: 10/1/2013
 Temperature: 24.7 C
 Relative Humidity: 49%

Pre-Test Visual Inspection:
Pass

Post-Test Visual Inspection:
Pass

Samples Preconditioned

Card ID#	Pre-Test Visual Defects?	Card ID#	Post-Test Visual Defects?
Card #1#P	No Defects	Card #1#P	No Defects

Job Notes

Card High Resolution Images Pre/Post

 .96 W/m2 @ 420 nm
 168 Hour exposure time.

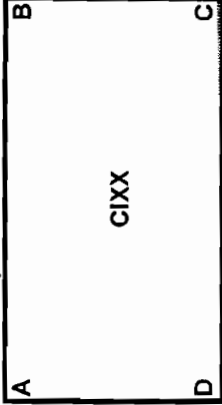
Job #: Q29924-SET15

Customer Name: Junta Central Electoral

Card Testing for Corner Impact

Corner Impact Test

Card Sample of Corners



of Samples Tested: 1

Technician: ADV

Time: 10:10 AM

Date: 10/2/2013

Temperature: 22.6 C

Relative Humidity: 50%

Samples Preconditioned

Card ID#	CORNER A	CORNER B	CORNER C	CORNER D	Visual Note
Card \$15P	N/A	N/A	Pass	Pass	Delamination

Job Notes:

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