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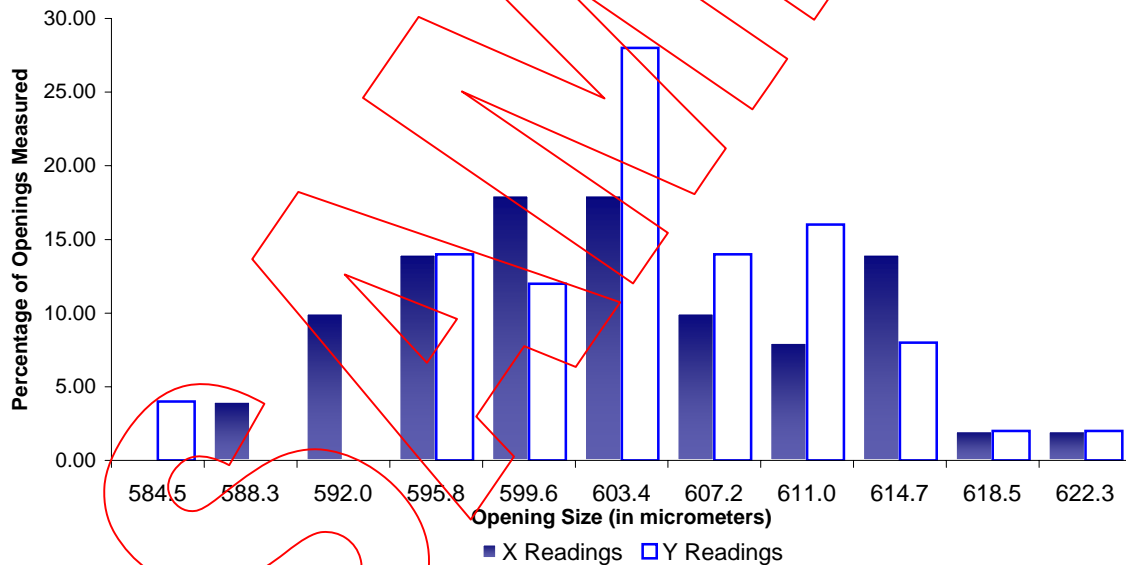
Inspection Sieve Certificate Wire Cloth Size Verification Report

Report Number: 12345 081010
Customer: XYZ Company
Selected Sieve Number: 12345
Date: 8/10/10
U.S. Standard Sieve Number: 30S
Technician: Jane Smith
Openings Measured: 50
Wire Diameters Measured: 10

Specification Data From ASTM E 11-09

Nominal Opening 600 μ m
 Average Opening Variation ± 21.2 μ m
 Max. Standard Deviation +30.14 μ m
 Maximum Tolerance 701 μ m
 Typical Wire Diameter 0.4 mm
 Wire Diameter Tolerance 0.34 - 0.46 mm

Statistics and Specification			Pass/Fail Status of Measured Openings		
	<u>X</u>	<u>Y</u>		<u>X</u>	<u>Y</u>
Mean (μm)	601.72	602.13	1. Does the average opening size pass the E-11 test?:	PASS	PASS
Standard Deviation (μm)	8.98	7.77	2. Does the sample pass the maximum opening size test for E-11?:	PASS	PASS
Minimum Reading (μm)	585.69	584.47	3. Does the sample pass the E-11 max. Standard Deviation test?:	PASS	PASS
Maximum Reading (μm)	622.30	621.26	4. Does the sample pass the wire diameter test?:	PASS	PASS
Range (μm)	36.61	36.79			
Wire Diameter (mm)	0.399	0.399			



Measurement System Calibration and Traceability Statement

- This sieve/wire cloth has been inspected for compliance with all applicable specifications using an optical measurement system (image analyzer) per the current ASTM E-11 Standard Specification for Wire Cloth and Sieves for Testing Purposes.
- Calibration and gage stability analyses are performed daily.
- Measurements are traceable to the National Institute of Standards and Technology (NIST) via trace number 821/257908-97.

Comments: New Calibration
SAMPLE REPORT

Raw Data Readings

Opening Sizes (µm)					
	<u>X</u>	<u>Y</u>	<u>X</u>	<u>Y</u>	
1)	593.83	596.73	41)	601.96	609.00
2)	589.76	584.47	42)	606.03	609.00
3)	593.83	584.47	43)	614.17	600.82
4)	585.69	613.08	44)	597.90	600.82
5)	589.76	617.17	45)	606.03	600.82
6)	585.69	621.26	46)	601.96	592.65
7)	597.90	613.08	47)	614.17	596.73
8)	589.76	609.00	48)	597.90	600.82
9)	601.96	609.00	49)	614.17	609.00
10)	593.83	592.65	50)	597.90	613.08
11)	597.90	596.73	51)	-	-
12)	601.96	596.73	52)	-	-
13)	593.83	600.82	53)	-	-
14)	601.96	600.82	54)	-	-
15)	622.30	604.91	55)	-	-
16)	589.76	592.65	56)	-	-
17)	597.90	596.73	57)	-	-
18)	614.17	592.65	58)	-	-
19)	597.90	600.82	59)	-	-
20)	610.10	600.82	60)	-	-
21)	614.17	600.82	61)	-	-
22)	597.90	600.82	62)	-	-
23)	601.96	604.91	63)	-	-
24)	610.10	600.82	64)	-	-
25)	593.83	592.65	65)	-	-
26)	593.83	592.65	66)	-	-
27)	618.23	592.65	67)	-	-
28)	589.76	600.82	68)	-	-
29)	593.83	604.91	69)	-	-
30)	614.17	600.82	70)	-	-
31)	610.10	604.91	71)	-	-
32)	614.17	609.00	72)	-	-
33)	606.03	609.00	73)	-	-
34)	610.10	604.91	74)	-	-
35)	606.03	604.91	75)	-	-
36)	606.03	613.08	76)	-	-
37)	601.96	600.82	77)	-	-
38)	601.96	596.73	78)	-	-
39)	601.96	604.91	79)	-	-
40)	597.90	609.00	80)	-	-

Wire Diameters (µm)		
	<u>X</u>	<u>Y</u>
1)	398.60	398.60
2)	404.64	400.55
3)	394.53	398.60
4)	400.55	400.55
5)	398.60	398.60
6)	400.55	404.64
7)	394.53	386.40
8)	396.46	396.46
9)	398.60	402.67
10)	404.64	404.64

Customer: XYZ Company

Selected Sieve Number: 12345

Date: 8/10/10

U.S. Standard Sieve No.: 30S

Temperature: 68°F

Humidity: 39%

Summary Statistics

	<u>X</u>	<u>Y</u>
(In micrometers)		
Mean Opening Size:	601.72	602.13
Standard Deviation:	8.98	7.77
Minimum Opening Size:	585.69	584.47
Maximum Opening Size:	622.30	621.26
Range:	36.61	36.79

	<u>X</u>	<u>Y</u>
(in millimeters)		
Mean Wire Diameter:	0.399	0.399
Standard Deviation:	0.004	0.005
Minimum Wire Diameter:	0.395	0.386
Maximum Wire Diameter:	0.405	0.405
Range:	0.010	0.018

Technician: Jane Smith

Signature / Date

Supervisor: John Doe

Signature / Date

**This Sieve CONFORMS with
the Advantech CENTERLINE®
Measurement System
Specifications**

Date: _____ **Checked:** _____