

Report Number: 00000 032216

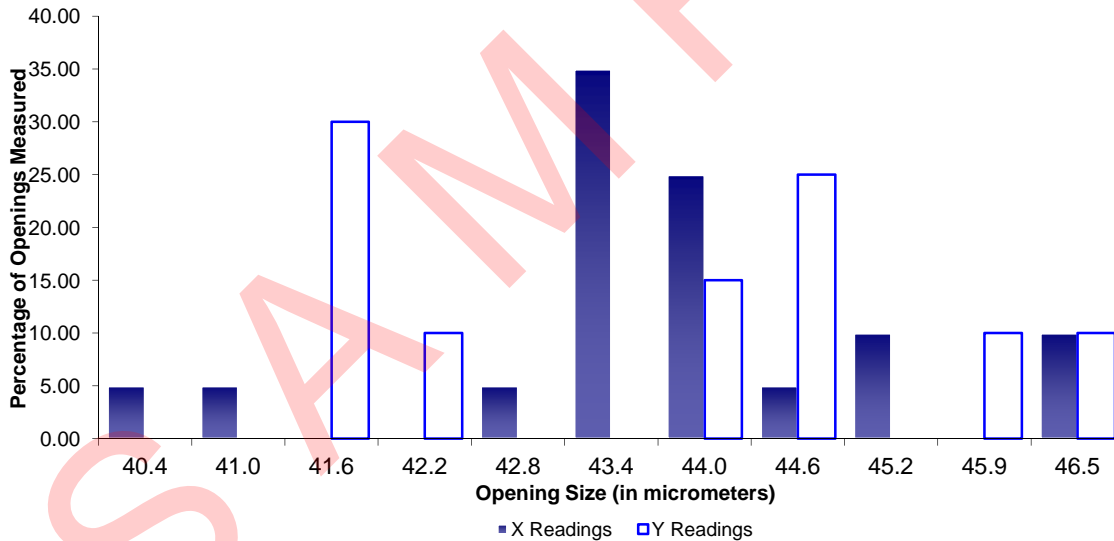
Customer: **XYZ Company**

**Wire Cloth Size Verification Report
Specification Data From ASTM E11-15**

Selected Sieve Number: **00000**
 Date: 3/22/16
 U.S. Standard Sieve Number: 325S
 Technician: Jane Smith
 Openings Measured: 20
 Wire Diameters Measured: 10

Nominal Opening 45 µm
 Average Opening Variation ±3.1 µm
 Maximum Standard Deviation +6.56 µm
 Maximum Tolerance 67 µm
 Typical Wire Diameter 0.032 mm
 Wire Diameter Tolerance 0.027 - 0.037 mm

Statistics and Specification			Pass/Fail Status of Measured Openings		
	<u>X</u>	<u>Y</u>		<u>X</u>	<u>Y</u>
Mean (µm)	43.48	43.38	1. Does the average opening size pass the E-11 test?:	PASS	PASS
Standard Deviation (µm)	1.50	1.78	2. Does the sample pass the maximum opening size test for E-11?:	PASS	PASS
Minimum Reading (µm)	40.40	41.03	3. Does the sample pass the E-11 max. Standard Deviation test?:	PASS	PASS
Maximum Reading (µm)	46.46	46.09	4. Does the sample pass the wire diameter test?:	PASS	PASS
Range (µm)	6.06	5.07			
Wire Diameter (mm)	0.033	0.033			



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**
 Previously Calibrated as Selected Sieve # 00000

Raw Data Readings

Opening Sizes (µm)

Customer:

XYZ Company

Selected Sieve Number:

00000

Date:

3/22/16

U.S. Standard Sieve No.:

325S

Temperature:

67°F

Humidity:

39%

Summary Statistics

(in micrometers)

Mean Opening Size:

X

Y

43.48

43.38

Standard Deviation:

1.50

1.78

Minimum Opening Size:

40.40

41.03

Maximum Opening Size:

46.46

46.09

Range:

6.06

5.07

(in millimeters)

Mean Wire Diameter:

X

Y

0.033

0.033

Standard Deviation:

0.001

0.001

Minimum Wire Diameter:

0.032

0.032

Maximum Wire Diameter:

0.033

0.034

Range:

0.001

0.002

QC Technician:

Jane Smith

Signature / Date

QC Supervisor:

John Doe

Signature / Date

This Sieve CONFORMS with the ASTM E11 Specifications

Date: _____ Checked: _____

X		Y		X		Y		
1)	42.92	41.03	41)	-	-	81)	-	-
2)	43.43	42.04	42)	-	-	82)	-	-
3)	42.92	41.53	43)	-	-	83)	-	-
4)	44.94	42.04	44)	-	-	84)	-	-
5)	42.92	44.57	45)	-	-	85)	-	-
6)	43.93	43.56	46)	-	-	86)	-	-
7)	43.43	43.56	47)	-	-	87)	-	-
8)	44.94	43.56	48)	-	-	88)	-	-
9)	42.92	41.03	49)	-	-	89)	-	-
10)	43.93	41.53	50)	-	-	90)	-	-
11)	43.43	41.03	51)	-	-	91)	-	-
12)	44.44	41.53	52)	-	-	92)	-	-
13)	42.42	44.57	53)	-	-	93)	-	-
14)	46.46	44.07	54)	-	-	94)	-	-
15)	42.92	44.07	55)	-	-	95)	-	-
16)	40.40	44.57	56)	-	-	96)	-	-
17)	42.92	45.59	57)	-	-	97)	-	-
18)	46.46	46.09	58)	-	-	98)	-	-
19)	42.92	45.59	59)	-	-	99)	-	-
20)	40.90	46.09	60)	-	-	100)	-	-
21)	-	-	61)	-	-			
22)	-	-	62)	-	-			
23)	-	-	63)	-	-			
24)	-	-	64)	-	-			
25)	-	-	65)	-	-			
26)	-	-	66)	-	-			
27)	-	-	67)	-	-			
28)	-	-	68)	-	-			
29)	-	-	69)	-	-			
30)	-	-	70)	-	-			
31)	-	-	71)	-	-	1)	32.42	33.33
32)	-	-	72)	-	-	2)	33.33	32.42
33)	-	-	73)	-	-	3)	31.91	31.91
34)	-	-	74)	-	-	4)	33.33	33.83
35)	-	-	75)	-	-	5)	32.82	31.91
36)	-	-	76)	-	-	6)	31.91	32.42
37)	-	-	77)	-	-	7)	33.33	33.83
38)	-	-	78)	-	-	8)	33.33	31.91
39)	-	-	79)	-	-	9)	31.91	32.42
40)	-	-	80)	-	-	10)	33.33	33.33

Wire Diameters (µm)

X Y

Serial No. 325SS8H000000

XXXX

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