



Advantech Manufacturing, Inc.
 2450 S. Commerce Drive
 New Berlin, WI 53151
 262-786-1600 FAX: 262-786-5074
 800-511-2096
 www.advantechmfg.com

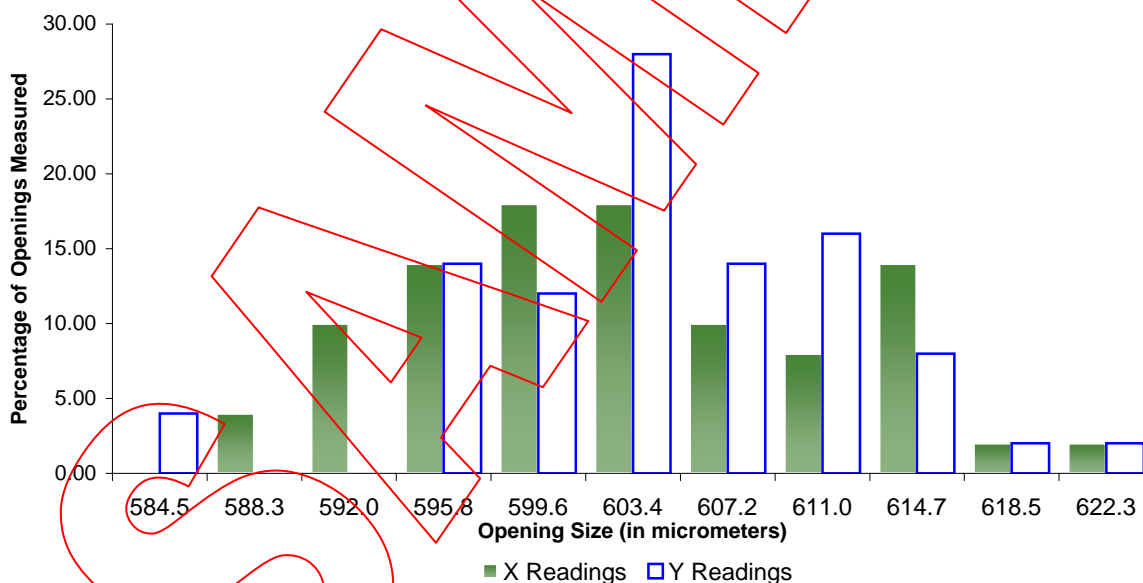
Centerline Sieve Wire Cloth Size Verification Report

Report Number: 12345 042010
Customer: XYZ Company
Selected Sieve Number: 12345
Date: 4/20/10
U.S. Standard Sieve Number: 30S
Technician: Jane Smith
Openings Measured: 50
Wire Diameters Measured: 30

Specification Data From ASTM E 11-04

Nominal Opening 600 μ m
 Opening Tolerance ± 25 μ m
 Intermediate Tolerance +60 μ m
 Maximum Tolerance 695 μ m
 Wire Diameter 0.400 mm
 Wire Diameter Tolerance $\pm 15\%$

Statistics and Specification			Pass/Fail Status of Measured Openings		
	X	Y		X	Y
Mean (μ m)	601.7	602.1	1. Does the average opening size pass the E-11 test?:	PASS	PASS
Standard Deviation (μ m)	9.0	7.8	2. Does the sample pass the maximum opening size test for E-11?:	PASS	PASS
Minimum Reading (μ m)	585.7	584.5	3. Does the sample pass the E-11 intermediate tolerance test?:	PASS	PASS
Maximum Reading (μ m)	622.3	621.3	4. Does the sample pass Advantech lower intermediate limit test*?:	PASS	PASS
Range (μ m)	36.6	36.8	(*Range lies within nominal \pm intermediate tolerance value)		
Wire Diameter (mm)	0.399	0.399	5. Does the sample pass the wire diameter test?:	PASS	PASS



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)				Wire Diameters (µm)			
	X	Y	X	Y	X	Y	X	Y
1	593.83	596.73	41	601.96	609.00	1	398.60	398.60
2	589.76	584.47	42	606.03	609.00	2	404.64	400.55
3	593.83	584.47	43	614.17	600.82	3	394.53	398.60
4	585.69	613.08	44	597.90	600.82	4	400.55	400.55
5	589.76	617.17	45	606.03	600.82	5	398.60	398.60
6	585.69	621.26	46	601.96	592.65	6	400.55	404.64
7	597.90	613.08	47	614.17	596.73	7	394.53	386.40
8	589.76	609.00	48	597.90	600.82	8	396.46	396.46
9	601.96	609.00	49	614.17	609.00	9	398.60	402.67
10	593.83	592.65	50	597.90	613.08	10	404.64	404.64
11	597.90	596.73	51	-	-	11	398.60	398.60
12	601.96	596.73	52	-	-	12	404.64	400.55
13	593.83	600.82	53	-	-	13	394.53	398.60
14	601.96	600.82	54	-	-	14	400.55	400.55
15	622.30	604.91	55	-	-	15	398.60	398.60
16	589.76	592.65	56	-	-	16	400.55	404.64
17	597.90	596.73	57	-	-	17	394.53	386.40
18	614.17	592.65	58	-	-	18	396.46	396.46
19	597.90	600.82	59	-	-	19	398.60	402.67
20	610.10	600.82	60	-	-	20	404.64	404.64
21	614.17	600.82	61	-	-	21	398.60	398.60
22	597.90	600.82	62	-	-	22	404.64	400.55
23	601.96	604.91	63	-	-	23	394.53	398.60
24	610.10	600.82	64	-	-	24	400.55	400.55
25	593.83	592.65	65	-	-	25	398.60	398.60
26	593.83	592.65	66	-	-	26	400.55	404.64
27	618.23	592.65	67	-	-	27	394.53	386.40
28	589.76	600.82	68	-	-	28	396.46	396.46
29	593.83	604.91	69	-	-	29	398.60	402.67
30	614.17	600.82	70	-	-	30	404.64	404.64
31	610.10	604.91	71	-	-	31	-	-
32	614.17	609.00	72	-	-	32	-	-
33	606.03	609.00	73	-	-	33	-	-
34	610.10	604.91	74	-	-	34	-	-
35	606.03	604.91	75	-	-	35	-	-
36	606.03	613.08	76	-	-	36	-	-
37	601.96	600.82	77	-	-	37	-	-
38	601.96	596.73	78	-	-	38	-	-
39	601.96	604.91	79	-	-	39	-	-
40	597.90	609.00	80	-	-	40	-	-

Customer: XYZ Company
Selected Sieve Number: 12345
Date: 4/20/10
U.S. Standard Sieve No.: 30S
Temperature: 68°F
Humidity: 37%

Summary Statistics

(in micrometers)	X	Y
Mean Opening Size:	601.7	602.1
Standard Deviation:	9.0	7.8
Minimum Opening Size:	585.7	584.5
Maximum Opening Size:	622.3	621.3
Range:	36.6	36.8
(in millimeters)	X	Y
Mean Wire Diameter:	0.399	0.399
Standard Deviation:	0.003	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:** _____