

Location: ABC Company  
 Machine: White Sundstrand Series 80  
 Control: Fanuc 15B  
 Comments:

1/16/2005 3:39:36 PM

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	X Axis	Y Axis	Z Axis
Start	-23.0000 Inches	-3.0000 Inches	0.0000 Inches
Finish	23.0000 Inches	59.0000 Inches	54.0000 Inches
Range	46.0000 Inches	62.0000 Inches	54.0000 Inches

	OEM Spec	Pass/Fail	Date	Angle	TPO	Error in/ft.	Error in.	Error %
1 X Axis Lin Acc	0.0006	Pass	4-Jan-05				0.000227	3.31
2 X Axis Roll	5.0	Pass	4-Jan-05	3.4	23.0	0.000196	0.000375	5.47 %
3 X Axis Pitch	5.0	Pass	4-Jan-05	4.3	31.0	0.000248	0.000640	9.34 %
4 X Axis Yaw	5.0	Pass	4-Jan-05	5.0	27.0	0.000288	0.000648	9.45 %
5 X Axis ARE Roll	1.0	Pass	4-Jan-05	0.4	23.0	0.000023	0.000044	3.21 %
6 X Axis ARE Pitch	1.0	Pass	4-Jan-05	0.1	31.0	0.000006	0.000015	1.09 %
7 X Axis ARE Yaw	1.0	Pass	4-Jan-05	0.2	27.0	0.000012	0.000026	1.90 %
8 XY Squareness	0.0003	Pass	5-Jan-05	3.9	18.0	0.000222	0.000333	4.86 %
9 X Axis Reversal	0.0001	Pass	4-Jan-05				0.000051	Avg.
10 X Axis Reversal	0.0001	Pass	4-Jan-05				0.000126	Max.
11 X Axis Periodic	0.0001	Pass	4-Jan-05				0.000059	
12 X Axis Repeat	0.0002	Pass	4-Jan-05				0.000158	CF=2

N/A = Not Applicable    N/P = Not Performed    Volumetric Error Estimator = 0.001483  
 ARE = Average Reversal Error    Standard = 0.002038    0.73  
 VEE = Deviation From Standard    VEE

MD Calibrations    39 Clinton Ave. P.O. Box 337 Hope RI 02831    PH: 877-MDCALIB

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Range	46.0000	Inches	62.0000	Inches	54.0000	Inches

	OEM Spec	Pass/Fail	Date	Angle	TPO	Error in/ft.	Error in.	Error %
1 Y Axis Lin Acc	0.0006	Pass	4Jan-04				0.000208	3.03
2 Y Axis Roll		N/P		0.0	1.0	0.000000	0.000000	0.00 %
3 Y Axis Pitch	5.0	Pass	4Jan-04	4.0	30.0	0.000230	0.000576	8.40 %
4 Y Axis Yaw	5.0	Pass	4Jan-05	4.1	6.0	0.000236	0.000118	1.72 %
5 Y Axis ARE Roll		N/P		0.0	0.0	0.000000	0.000000	0.00 %
6 Y Axis ARE Pitch	1.0	Pass	4Jan-05	0.6	30.0	0.000035	0.000086	6.27 %
7 Y Axis ARE Yaw	1.0	Pass	4Jan-05	0.8	6.0	0.000046	0.000023	1.68 %
8 YZ Squareness	0.0003	Pass	4Jan-05	2.0	18.0	0.000114	0.000171	2.49 %
9 Y Axis Reversal	0.0001	Pass	7Jan-05				0.000095	Avg.
10 Y Axis Reversal	0.0001	Pass	7Jan-05				0.000256	Max.
11 Y Axis Periodic	0.0001	Pass	7Jan-05				0.000044	
12 Y Axis Repeat	0.0002	Pass	7Jan-05				0.000662	CF=2

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	OEM Spec	Pass/Fail	Date	Angle	TPO	Error in/ft.	Error in.	Error %
1 Z Axis Lin Acc	0.0006	Pass	4-Jan-05				0.000165	2.41
2 Z Axis Roll	5.0	Pass	4-Jan-05	3.7	23.0	0.000213	0.000408	5.95 %
3 Z Axis Pitch	5.0	Pass	4-Jan-05	4.1	32.0	0.000236	0.000630	9.19 %
4 Z Axis Yaw	5.0	Pass	4-Jan-05	2.1	23.0	0.000121	0.000232	3.38 %
5 Z Axis ARE Roll	1.0	Pass	4-Jan-05	0.7	23.0	0.000040	0.000077	5.62 %
6 Z Axis ARE Pitch	1.0	Pass	4-Jan-05	0.0	31.0	0.000000	0.000000	0.00 %
7 Z Axis ARE Yaw	1.0	Pass	4-Jan-05	0.2	23.0	0.000012	0.000022	1.60 %
8 ZX Squareness	0.0003	Pass	4-Jan-05	1.7	12.0	0.000097	0.000097	1.42 %
9 Z Axis Reversal	0.0001	Pass	4-Jan-05				-0.000006	Avg.
10 Z Axis Reversal	0.0001	Pass	4-Jan-05				0.000066	Max.
11 Z Axis Periodic	0.0001	Pass	4-Jan-05				0.000041	
12 Z Axis Repeat	0.0002	Pass	4-Jan-05				0.000263	CF=2

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OEM Spec Pass/Fail Date Angle TPO Error in/ft. Error in. Error %

1 A Axis Position	Pass	11/17/03	0.00031	12.0	0.000064	0.000064	0.93	%
2 B Axis Position	Pass	11/04/03	0.00106	12.0	0.000220	0.000220	3.21	%
3 C Axis Position	N/A		0.00000	12.0	0.000000	0.000000	0.00	%
4 A Axis ARE	Pass	11/17/03	0.00024	12.0	0.000050	0.000050	3.65	%
5 B Axis ARE	Pass	11/04/03	0.00019	12.0	0.000039	0.000039	2.85	%
6 C Axis ARE	N/A		0.00000	12.0	0.000000	0.000000	0.00	%
7 Perpendicularity	N/P		0.0	12.00	0.000000	0.000000	0.00	%
8 A Axis Repeat	Pass					0.003880	CF=2	
9 B Axis Repeat	Pass					0.000500	CF=2	
10 C Axis Repeat	N/A					0.000000	CF=2	

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