

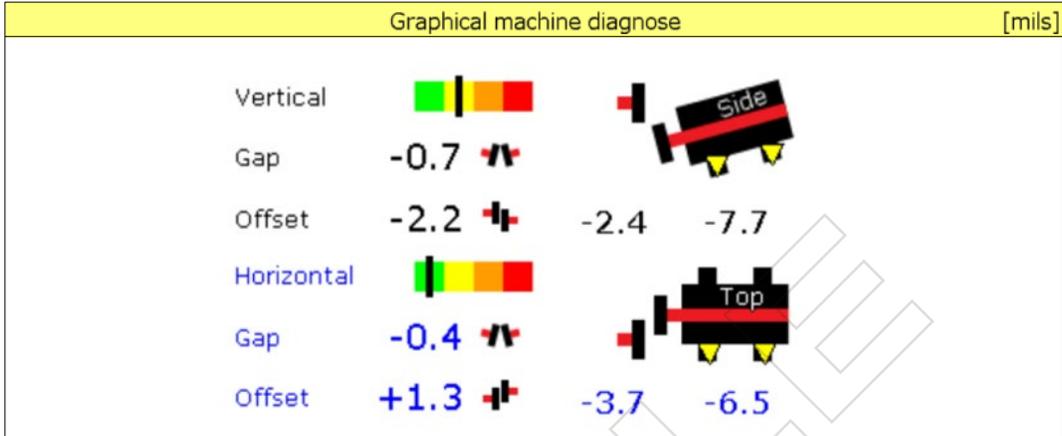
Fluke 830 Diagnostic Report

The Fluke 830 Laser Shaft Alignment tool is easy-to-use, giving you fast, accurate and actionable answers that will keep your plant up and running. When it comes to laser shaft alignment, data is good but answers are better.

This document is a sample Fluke 830 diagnostic report. Actual report appearance will depend on the data captured.

Fluke 830 LASER ALIGNMENT TOOL Report			
File info			
Filename:	sample		
Created:	20-March-2014, 12:38:51		
Measured:	20-March-2014, 19:02:42		
Comment:			
Machine dimensions			
		Value:	Unit:
Static Coupling	Coupling diameter:	10.000	[inch]
	Distance from sensor to prism	45.000	[inch]
	Distance from sensor to coupling centre:	22.500	[inch]
	Distance to right machine:	65.000	[inch]
	RPM:	1800	RPM
Movable	Distance from 1 to 2 Feet:	75.250	[inch]
Dimensions			[inch]
<p>The diagram illustrates the laser shaft alignment setup. It shows two shafts connected by a coupling. A red laser line is projected across the shafts. Dimensions are indicated: 45.000 inches from the sensor to the prism, 22.500 inches from the sensor to the coupling center, and 65.000 inches from the sensor to the right machine. The coupling diameter is Ø10.000 inches. The distance between the two machines is 75.250 inches. The rotation speed is 1800 RPM. The word 'Side' is written on the right machine.</p>			
Machine coupling diagnose			
	Actual:	Value:	Unit:
	Results of Sweep Measurement		
Vertical:	Gap	-0.7	[mils]
	Offset	-2.2	[mils]
	Vertical tolerance:		
Horizontal:	Gap	-0.4	[mils]
	Offset	+1.3	[mils]
	Horizontal tolerance:		
Machine foot corrections			
Static			
Movable	Vertical:	Horizontal:	Unit:
Foot 1	-2.4	-3.7	[mils]
Foot 2	-7.7	-6.5	[mils]
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Tolerances

Coupling	Value:	Unit:
RPM	1800	
Excellent:		
Gap	4.6	[mils]
Offset	2.1	[mils]
Acceptable:		
Gap	6.4	[mils]
Offset	3.3	[mils]

Soft foot measurements [mils]

Static: No soft foot values taken
 Movable: No soft foot values taken

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 Printed in U.S.A. 6/2014 6002960a-en

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