

# CLAUSING

## TEST REPORT, FOR 5900-series LATHE

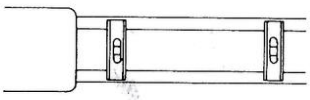
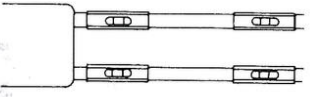
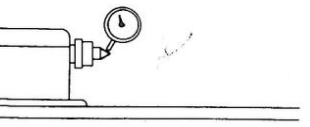
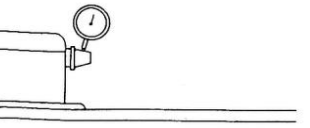
MODEL NO. 5914 SERIAL NO. 504800 TESTED BY NO. 18

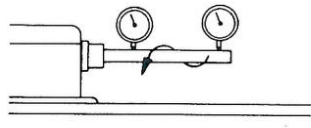
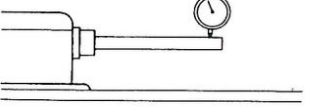
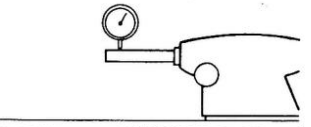
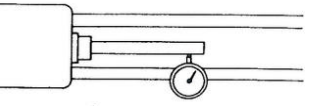
### IMPORTANT

Your new lathe has been inspected for proper adjustment, operation, and performance within the following limits by an inspector and machine tester.

To obtain the maximum accuracy and service built into this machine, carefully mount and level the lathe by following instructions in the Manual furnished.

When writing us about this lathe, please give BOTH the Model Number and Serial Number, and the number of the tester.

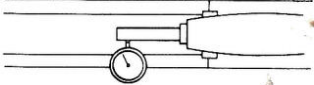
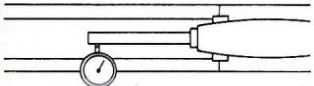
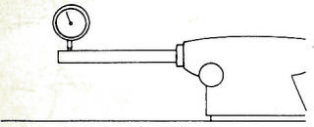
TEST	LIMIT	ACTUAL
<b>1 BED LEVEL (Transverse Direction)</b> 	When Using Precision Level All Readings to Be Within 0.0005 in 12 In.	0.0005
<b>2 BED LEVEL (Longitudinal Direction)</b> 	When Using Precision Level Along Bed Maximum Reading to Be Within 0.001 in 12 In.	0.001
<b>3 SPINDLE CENTER RUNOUT</b> 	Total Indicator Reading 0 to 0.0008	0.0007
<b>4 SPINDLE NOSE RUNOUT</b> 	Total Indicator Reading 0 to 0.0003	0.0001

TEST	LIMIT	ACTUAL
<b>5 SPINDLE TAPER RUNOUT</b> 	Total Indicator Reading at End of 12 In. Test Bar 0 to 0.0006 at End of Spindle Nose 0 to 0.0003	0.0004 0.0001
<b>6 HEADSTOCK ALIGNMENT (Vertical)</b> 	High at End of 12 In. Test Bar 0 to 0.0005	0.0005
<b>7 TAILSTOCK SPINDLE ALIGNMENT (Vertical)</b> 	High at End of Spindle When Fully Extended 0 to 0.0008	0.0006
<b>8 HEADSTOCK ALIGNMENT (Horizontal)</b> 	At End of 12 In. Test Bar 0 to ± 0.0003	± 0.0003

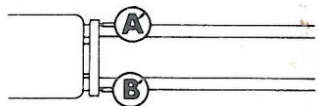
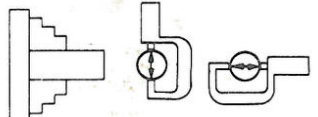
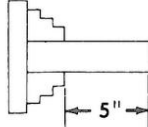
(Continued on Other Side)

# CLAUSING

## TEST REPORT, FOR 5900-series LATHE (continued)

TEST	LIMIT	ACTUAL
<b>9 TAILSTOCK SPINDLE ALIGNMENT (Horizontal)</b> 	Forward at End of Spindle When Fully Extended 0 to 0.0005	.0001
<b>10 TAILSTOCK TAPER ALIGNMENT (Horizontal)</b> 	End of 12 In. Test Bar 0 to ± 0.0005	.0002
<b>11 TAILSTOCK TAPER ALIGNMENT (Vertical)</b> 	High at End of 12 In. Test Bar 0 to 0.001	.0006

INSPECTED BY Bill NO. \_\_\_\_\_  
 DATE 11-8-66

TEST	LIMIT	ACTUAL
<b>12 A-CROSS SLIDE ALIGNMENT B-FACE PLATE RUNOUT</b> 	To Face Concave Only on 12 In. Diameter 0 to 0.0005 On Face at Diameter 0 to 0.0005	.0001  .0002
<b>13 LATHE MUST TURN ROUND WITH WORK MOUNTED IN CHUCK</b> 	0.0003	.0003
<b>14 RUNNING TEST FOR SMOOTH OPERATION</b>  1½ DIA C.R.S. 0.0026 FEED 0.125 DEPTH AT HIGH SPEED	Lathe Must Take Cut Without Chatter	.00k
<b>15 BACK LASH ON CROSS FEED SCREW</b>	0.004	.0009