

CYLINDER LINER BORE EVALUATION				NAME					
				DATE					
				PROJECT					
				CYLINDER LINER BORE SPECIFICATION					
				Bore Diameter					
				Allowable Bore Taper					
Allowable Bore Out-of-Roundness									
Cylinder Measurement	1	2	3	4	5	6	7	8	
1-a									
1-b									
Out-of-roundness									
2-a									
2-b									
Out-of-roundness									
3-a									
3-b									
Out-of roundness									
4-a									
4-b									
Out-of roundness									
Taper									

Points of Measurement in a Cylinder Liner Bore

(NOTE: Check service manual since most manufacturers require measuring the liner at more than four points.)

- Measure liner at points 1-a; record the measurement. Then move 90 degrees from first measurement and measure at point 1-b; record the measurement.
- Subtract the smallest measurement from the largest to calculate out-of-roundness at point 1.
- Repeat steps e and f for points 2a and 2b, 3a and 3b, 4a and 4b.
- Subtract the smaller measurement at point 3 from the larger measurement of point 1 to calculate cylinder liner taper.

Instructors Initials