Fork Inspection



According to ISO 5057 / ANSI B56.1, forks in service must be inspected at least once a year by a trained professional.

Lift truck details:

Make, model and/or capacity

Fork-arm details: Width-thickness-length

Inspection Point	Example	Result
1. Wear Original thickness (N) - 10% = replace Measure the thickness on the back of the fork (N) and compare with the heel area (M)	N +2" M	OK not OK
2. Surface Cracks Surface crack = replace • check all welds • check heel area		OK not OK
 3. Blade deformation/tip alignment (d) < 3% of blade length = ok (d) > 3% of blade length = replace If difference in tip heights > 3% = replace 	d d	OK not OK
4. Heel angle • (d) = 22.00"-22.43"(A= 88.9-90.0°) = ok • (d) = 22.43"-22.82"(A=91.0-92.9°) = repair • (d) > 22.82" (93°) = replace	15.75"	OK not OK
 5. Marking, tips, suspension & locking devices Damaged locking system = fix /replace Bent or deformed attachments = replace Damaged tip = replace 		OK not OK
Final result:	Fork OK Fork not OK	Replace Repair

Inspected by:		
Date:	Signature:	

Contact us at: 803-980-6800 sales@msiforksinc.com

For more information: www.msiforksinc.com