Fork Inspection

MSI™
MSI-Forks

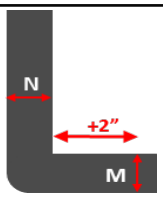
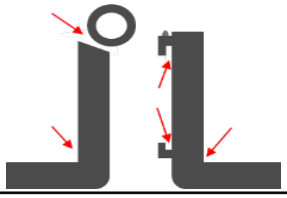
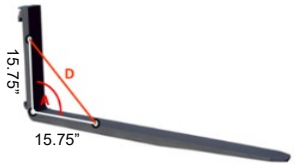
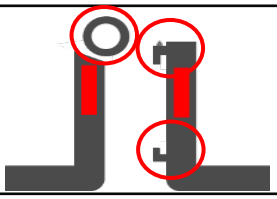
According to ISO 5057 / ANSI B56.1, forks in service must be inspected at least once a year by a trained professional.

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)		( ) 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		( ) 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		( ) 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:** _____

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