MSI™

MSI-Forks

Fork Inspection

for lift trucks and construction machinery

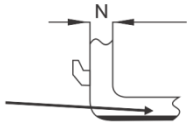
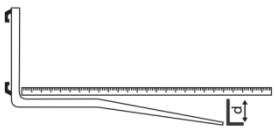
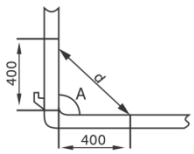
According to ISO 5057, forks in service must be inspected at least once a year by a trained professional.

Lift truck details:
(Make, model and/or capacity)

Fork-arm details:
(Wdith – Thickiness – Lenght)

Internal control number/identification:

Suspension type:

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.		**( ) ok** **( ) not ok** **Notes:**
2. Surface cracks Surface crack = replace - Check all welds - Check heel area		**( ) ok** **( ) not ok** **Notes:**
3. Blade deformation / Tip alignment - (d) < 3% of blade lenght = ok - (d) > 3% of blade lenght = replace or re-set If difference in tip heights > 3% = replace or re-set		**( ) ok** **( ) not ok** **Notes:**
4. Heel angle - (d) = 560 - 570mm (A = 88,9 - 90,9°) = ok - (d) = 571 - 580mm (A = 91 - 92,9°) = re-set - (d) > 580mm (A>93°) = replace		**( ) ok** **( ) not ok** **Notes:**
5. Marking, tips, suspension & locking devices - Damaged locking system = fix or replace - Bent or deformed suspension = fix or replace - Damaged tip = fix or replace	 	**( ) ok** **( ) not ok** **Notes:**

FINAL RESULT:

( ) Fork ok
( ) Fork not ok
( ) Replace
( ) Repair

Notes:

Inspected by:

Date:

Signature:

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