

Interpretation of Sections of ASME B56.1 (ITSDF B56.1) Standard

(For complete standard click on link below)

<http://www.itsdf.org/pB56.asp>



ASME B56.1 (ITSDF B56.1) Safety Standard for Low Lift and High Lift Trucks.

Section 6.2.8: Sets guide lines for inspecting forks on fork lift trucks. Forks in use shall be inspected at intervals of not more than 12 months. Fork inspection shall be carried out carefully by trained personnel with the aim of detecting any damage, failure, deformation, etc., which might impair safe use. Any fork that shows such a defect shall be withdrawn from service, and shall not be returned to service unless it has been satisfactorily repaired by the manufacturer or an expert of equal competence.

Criteria for removal from service include such things as; surface cracks, straightness of Blade deviating more than 0.5% of the length of the blade, straightness of Shank deviating more than 0.5% of the height of the shank, fork angle deviating more than 3 degrees from the original specification, difference in height of fork tips exceeding 3% of the length of the blade, positioning lock not working, heel wear of 10% from original specification, fork hook mounts upper and lower showing excessive wear, and or illegible or missing marking plate.

ITSDF (Industrial Truck Standards Development Foundation) is recognized by ASME. ITSDF has worked closely with ASME in the transfer of the B56.1 standard. The B56.1 standard is now made available to the general public through ITSDF.