



Layne Safety Alert

Subject: Periodic and Frequent Rigging Inspection

Date: July 7, 2009

Incident: A Layne Christensen Crew was setting 18" well screen with a calculated string weight of 110,000 pounds. A crew member was observing the lift of a 40' long 18" o.d. section of pipe when he observed a split in the lifting link. The lift was immediately stopped and after a HIRA evaluation the stick was lowered to the ground. A complete split was found in the 2 7/8 inch diameter in the lifting link. Upon closer inspection it was determined that the link did not have a manufacturers ID or a working load limit incorporated on the link. The current regulation requires this information to be forged or die cast into the body of the link. The root cause was determined to be that the link had been used past its fatigue cycle and had not received none destructive testing (magnafluxed) during its service life.

Recommendations: Review the periodic and frequent inspection criteria for rigging and hardware. Place all rigging out-of-service that does not meet current standards. Implement non-destructive testing cycles on critical lifting devices.

