

Safety Flash – Crosby Swivel Hook Failure



CAUTION: A new S-322A Crosby swivel hook purchased from Carpenters Rigging has failed on June 7, 2016.



The Hazard

A trench shield was in the process of being lowered into the trench with an excavator when the new swivel hook elongated causing uncontrolled descent of the trench shield and 4-way sling onto a 12" depressurized gas transmission facility. The trench shield with spreader bars weighed 10,700 lbs. The maximum lifting capacity of the Crosby S-322A swivel hook is listed at 22,000 lbs.

The Ask

Remove all 11 ton Crosby hooks from service in the field.

Inspect all rigging equipment prior to using

Verify

The failed hook was sent to Exponent test lab to determine the cause of the swivel hook failure and we are reaching out to the Supplier.

In the interim, ensure that crews substitute alternative approved rigging methods such as shackles until completion of the investigation.