



LESSONS LEARNED

Abrasive Blasting Hose Fittings and Attachments

WHAT HAPPENED?

While performing abrasive blasting work activity, a hose, supplying air to the blasting rig sand pot, allegedly came apart from the coupling. The screws that attach the hose to the coupling allegedly worked their way out.

KEY & CONTRIBUTING FACTORS

- The air hose fitting is a simple slip coupling, the hose slides into the coupling and is secured with small screws illustrated below in photos.
- The screws allegedly worked their way out of the hose through vibration and wear.
- The air pressure eventually blew the hose from the coupling.

LESSONS LEARNED

- Hoses and attachments need to be inspected prior to use and re-inspected during longer work durations.
- Whip checks must be properly installed at all connections.
- Safety/Cotter pins must be installed in all Chicago Couplings.
- Employees only directly involved in blasting work activities shall be allowed in blasting area, everyone else shall maintain their distance.
- Properly installed whip check and communicating predetermined safe zone around the blasting truck prevented a potential injury.



This Lessons Learned has been prepared as a communication directly to All Employees. It is for awareness purposes – not to admit or assign blame. REVIEW THIS INFORMATION WITH EVERY EMPLOYEE!