What Are Whip Checks?

Have you ever seen the coupler connection on an air or hydraulic hose fail? When fittings fail and disconnect, the force generated by the pressurized air or fluid makes the hose “whip” around, causing damage to equipment, materials and people. These fittings may connect a hose to piping, trucks or heavy equipment or they may connect hoses together.

Hose failures are also common, so if the loops on the check are placed on the fittings they will not provide the necessary protection. Whip checks are generally designed for pressures up to 200 psi; for pressures above 200 psi, braided high-pressure hose restraints are available.

Whip checks, otherwise known as hose safety restraints, is a steel cable with loops on each end that connect behind the fittings on the hoses and act as a restraint if the connections fail.