

ADVANCED SILO PROTECTION & SAFETY SYSTEM



HYCONTROL LIMITED

Stand No
P103

Benefits.

The Hycontrol Silo Protection System is designed to:

- Prevent costly damage to silos
- Reduce operator risk from working at heights
- Reduce risk of silo failure
- Prevent overspills and emissions into the environment



Description.

Protection systems designed to prevent the overfilling of silos have been used for some years but now new recommendations have been introduced to meet the growing number of safety and environmental related regulations.

Current guidelines make it clear that silos filled via pneumatic conveying should be fitted with automatic protection systems to prevent over-filling or over-pressurisation. Such systems should have three independent sensing elements, namely a pressure relief valve, pressure sensor and high level alarm. These guidelines recommend regular testing of the primary sensing elements that, until now, has not been possible.

The Hycontrol SiloSafe solution is the only system that provides an easy to use, fool proof and fail-safe system, which mandates the automatic testing of the key components directly from the integrated control panel at ground level before every fill.

The Hycontrol system is the most comprehensive available today and more than meets the current requirements for safe silo filling. By offering an integrated solution with the ability to carry out tests on all the key elements in one action at ground level just prior to filling ensures the system will work in earnest if required.