

ASSET MANAGEMENT FOR HOSE IN THE PETROCHEMICAL INDUSTRY

**Reduce risks from undocumented
and unmaintained hose assets**



nGuard
ASSET MANAGEMENT for Hose

ALWAYS BE ON GUARD

In today's process manufacturing facilities, the need for safe, dependable hose assemblies is more important than ever. Proper hose assembly maintenance and documentation are necessary throughout the petrochemical industry- from refineries to chemical plants. Process, transfer, loading and unloading.

However, with their growing and varied responsibilities, maintenance and operations staff at these process manufacturing facilities often overlook the importance of having a structured, ongoing hose maintenance program in place. Hose maintenance often occurs only after a failure, which can lead to safety hazards, injury, unexpected downtime, and fines.

While asset management strategies and systems have been widely adopted with larger operating machinery and equipment in the manufacturing and processing industry, these same proven processes have not been adopted as broadly for industrial hose and coupling applications in these facilities. This need not be the case today.

DIGITAL TRACKING SOLUTIONS

New asset management technologies are available today, specifically designed to address questions about safety and cost of ownership issues related to managing a large numbers of hose assets.

One solution, OnGuard® Asset Management, available through local industrial distributorships under the family of Singer Equities, offers a proven system to help chemical facilities proactively manage and maintain their hose assets.



WHY IS THIS IMPORTANT? CONSIDER THESE QUESTIONS:

- Are we using the correct hoses for our applications?
- Are our hoses safe and in compliance?
- Have our hoses been tested?
- Are our employees safe?
- Where is the documentation on our hoses?
- Can I locate our hoses?
- Are our hoses properly installed?
- Are our hoses tagged and well-maintained?
- Is our equipment safe?

The OnGuard hose management solution tags each asset, tracks when the system goes into service, and alerts the facility when service or replacement is necessary. This is done through a cloud-based hose tracking database, which stores important data such as type of hose, manufacture date, test certifications, serial number, location in facility, inspection, and re-testing alerts. This solution can also be incorporated with plant piping or safety standards to become an integral part of any reliability and maintenance program. OnGuard also allows users to schedule customized reports in multiple formats and provides a structured, documented procedure for asset maintenance, leading to less downtime, safety hazards and fines from unchecked and unsafe systems.

There is no charge for the OnGuard asset management system itself, but customers do pay for the cost of the hose tags, which range from simple metal tags to those with radio-frequency identification (RFID)-embedded chips. OnGuard also offers a daily fee service for on-site asset inspections and testing that can last just one day or several days, depending on the volume and complexity of the customer's hose assets.

THE ONGUARD ASSET MANAGEMENT SOLUTION FOR HOSE OFFERS MANY BENEFITS.



PROACTIVE

OnGuard provides color-coded reports to help manage predictive asset maintenance 30 days out (yellow) or due now (red). Customers can generate reports of all completed operations and work history.



MOBILE

Simply enter the hose asset serial # or scan the RFID chip and OnGuard's Smart Phone App provides access all history, certifications, photos and documents for that asset directly from a mobile device. Updates are made in the field without writing a thing down.



FAST

Following an inspection, customer data is uploaded to the cloud and is accessible immediately online from anywhere.



RFID OPTION

Leverage RFID for accurate, immediate identification.



INSPECT

Mobile apps with hose asset prefill forms drive more inspections in less time.



PRESSURE TEST

Build test certifications and perform digital tests in one step. Upload results to the cloud.



REORDER

Reorder hose directly from smartphone app with specifics and delivery information



PARTNERSHIP

Distributor and end user work together to gather and enter hose detail into database.



SCHEDULE

Multiple tasks per hose on a calendar or condition. Email overdue alerts to designated user teams. By inspection, failure, or repairs. Customize by product class or audience. Schedule tasks to asset by date or condition. Email alerts to user teams.



REPORT & SCHEDULE

Distributors & end users help input hose detail into ecosystem database. Industry prefill content.



PREDICT

Hose lifespan analysis, brand comparison, inventory & failure prevention

SUMMARY

Planned inspections and a properly implemented management system for your hose assets is the first line of defense against:

- Hose Failures
- Leaks/Spills
- Costly Downtime
- Accidents Injuries
- OSHA/EPA Fines

While there are various asset management systems available for use with your industrial hose assets, here are some important considerations in making the best provider selection:

- Do they have experience in chemical processing industry?
- Can they help with the initial hose inspections and testing?
- Do they provide local support and expertise?
- Is the software designed for maximum efficiency with hose assets?
- Is there an upfront cost for the system?
- Can I have custom reports delivered to me when and where I need them?

WHY WAIT?

Putting an effective asset management program in place for hose can help protect against injury, unexpected downtime, fines and more.

800.705.9912

www.hosesafety.com



OnGuard® Asset Management is a licensed service of SBP Holdings Inc. and is offered through its industrial distributor locations throughout the U.S.*