

Improve Safety and Reduce Unforeseen Downtime with Hose Audit Programs



WE'VE TESTED OVER 10,000 HOSES IN DOZENS OF FACILITIES.

THE AVERAGE FAILURE RATE IS 18%

IT'S IMPORTANT

Proper hose specification and maintenance are essential to consistent production output, efficient long-term fluid management and a safe and compliant work environment. Understanding the importance of a regular program surrounding inspection and replacement of industrial or hydraulic hoses will keep your operation running safely and efficiently.

SAFETY FIRST

A regular program surrounding inspection and replacement of industrial or hydraulic hoses is centered around safety. Meeting basic primary goals will result in secondary effects that keep employees safe and equipment running.

PRIMARY GOALS

- ▶ Selecting the right hose for the right application
- ▶ Identify when a hose should be removed from service

SECONDARY GOALS

- ▶ Prevent spills
- ▶ Protect the environment
- ▶ Prevent injury
- ▶ Reduce financial exposure

ASK NOW, SAVE LATER

Applying the correct hose is the first step to maintaining a safe work environment. Make sure your hose is "STAMPED" for approval by asking yourself these questions before the hose is put in service:

S SIZE: What is the hose inside diameter (I.D.) and length required to meet the application requirements? (i.e. 3" x10 ft)

T TEMPERATURE: What are the maximum & minimum temperatures of the product conveyed through the hose assembly, including cleaning and environment?

A APPLICATION: Describe the actual use of the hose (i.e. Ship to Shore unloading, LPG transfer, in-plant chemical use, etc.)

M MATERIAL: What is the specific chemical, product or material conveyed, including cleaning? (i.e. compressed air, water, 20% Sodium Hydroxide)

P PRESSURE: What is the pressure or vacuum at which the material is being conveyed through the hose assembly? (i.e. 150 psi)

E ENDS: What type of end connections are required to attach the hose? (i.e. Male NPT, Female Cam & Groove, etc.)

D DELIVERY: What date is the product required? (i.e. June 16, 2020)

DO YOU HAVE A TESTING PROGRAM FOR YOUR HOSES?

WE CAN HELP YOU GET ONE STARTED

To help prevent untimely and costly hose failures, Anderson Process offers full hose audit & testing services that encourage best practices in preventative maintenance by providing customers visibility of ideal service intervals.

ELEMENTS OF OUR PROGRAM

- ▶ A full plant survey/audit of all hose components
- ▶ On-site/In-house hydrostatic pressure testing certification
- ▶ Employee training program on Hose Care, Use & Maintenance
- ▶ Hose identification/color-coding system options
- ▶ RFID hose tracking options
- ▶ Recommended corrective action

BENEFITS

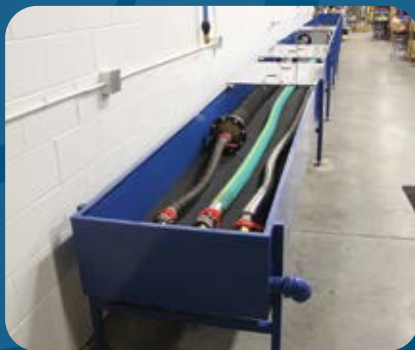
- ▶ Less overhead needed for tracking and monitoring hose
- ▶ Testing data captured on all hoses for future reference
- ▶ Increased safety with reduced down-time and failures
- ▶ System ensures the hose gets to the right spot in the factory
- ▶ Hose tracking and identification simplifies re-ordering
- ▶ Preventative maintenance schedule eliminates guess work

Our experience provides you with the guidance needed to get your program underway



Traceable Data

Data is stored electronically and a full report is provided, showing test results and recommendations.



Efficient Testing

Hoses are hydrostatically tested for 5 minutes to 1.5x the assembly's rated working pressure.



Mobile & Convenient

We can test in-house or bring our mobile testing unit to your location for hydrostatic testing.

COMMON VISUAL AND HYDROSTATIC AUDIT FAILURES

We pay close attention to these common causes of failure:

- ▶ Cover failure: wear, cracks, cuts or compound breakdown
- ▶ Coupling Failure: Ejection due to poor attachment or corrosion
- ▶ Burst: Age, misapplication, pressure surge or poor installation
- ▶ Tube breach: Chemical attack, misapplication, heat or kinking



How would your facility stack up? Contact Anderson Process today to learn how we can help you create a robust hose safety program that will increase awareness in your facility and keep your employees working safely and efficiently.

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