HOSE ASSET MANAGEMENT & RFID TAGGING TECHNOLOGY

Buckley Industrial has a long history of Hose Asset Management. We ensure that regular Testing and Inspections of hose assemblies are carried out. During 2017 and 2018, Buckley Industrial implemented a new database for hose using a bespoke Hose Asset Management web-based Software.
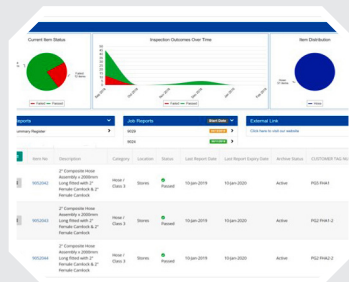
Accurate Inspection Process

This software allows the inspector to visit site and follow a series of prompts to verify that a hose has passed a visual inspection. Importantly, the inspection certificate is time stamped with the name of the person carrying out the inspection. If necessary, the inspector can add photographs and comments and produce certification with a click of a button. When a new hose, not on the database is identified, it can be added and inspected whilst on site. This reduces transcribing time and errors and ensures that all details are recorded correctly.

Accurate Indentification of Hose

Most companies are using visual tagging such as metal tags with the hose details engraved onto the tag, which can be scratched or covered with oil or resin or even ripped off when hose are being used. Visual tagging is suitable in situations where dedicated hose are used. However, on sites where the hose are moved around this can prove incredibly time consuming adding a level of risk. During a hose inspection the inspector should not be handling hose if possible. If the hose are under pressure, there is a risk of 'Fluid Injection Injury' or worse

RFID Tagging Technology

RFID tagging technology has been around for some time. However, RFID has not been used with hose in extreme environments on a consistent regular basis. With assisatnce from the Welsh Government, Buckley Industrial has developed an ATEX approved Zone 1 RFID tag. The tag is designed to work with corrosive chemicals. We currently have over 1000 hose in the market with RFID tags.

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