

HOSE ASSET MANAGEMENT & RFID TAGGING TECHNOLOGY

Buckley Industrial are Hose Asset Management specialists. We ensure that regular testing and inspections of hose assemblies are carried out. Buckley Industrial have implemented a new database for hose using a bespoke Hose Asset Management web-based Software.



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. Most companies are using visual tagging such as metal tags with the hose details engraved onto the tag. This can be problematic as these can be scratched or covered with oil, resin or even ripped off when hose are being used.

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 assistance 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 5000 hoses in the market with RFID tags.

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.