

**SAFETY**  
**Hose Reels**



## Open Hose Reels 2014

IN SAFETY EXECUTION\*

\*Makes any application conform with world wide directives on the issue "working safety",  
Working Safety, Corporate Manslaughter Act, Commonwealth workplace Health and Safety Act (WHS),  
ISO 4414, OHSAS 18002, OSHA, MSHA

# Compressed air is dangerous !

## Blown Away: How compressed air risks lives

Compressed air is one of the most important forms of energy used in the industry today. Its use is widespread as with many things that are in plain sight, the risks of compressed air injuring people and damaging plant are often grossly underestimated. Compressed air is not „just air“. It's a focused stream of air driven at high velocity, that can cause serious injury or even death to its operator or persons in the immediate area, so knowing your responsibilities to mitigate these risks are essential.

***EN 4414/ISO §5.4.5.11.1 Corporate Manslaughter Act***  
***“When failure of a hose assembly constitutes a whiplash hazard,***  
***it shall be restrained or shielded by a suitable means.***  
***In addition an air fuse for compressed air shall be mounted.”***



## Compressed Air is Dangerous!

Businesses and their officers must take all reasonable practical measures to minimise or eliminate WHS (Work, Health & Safety) risks to all people at a place of business. Including installing safety devices or implementing safe work policies, procedures and training to mitigate risks.

## Whiplash - the forgotten issue

Given that severe injuries and death may be the result, it is surprising that whiplash risk is often overlooked in the workplace.

Whiplash occurs when:

- the pressure exceeds the hose rating, or
- a hose is suddenly severed, or
- a hose coupling inadvertently releases while the hose is still under pressure

A hose connected to main air line is still under pressure and will violently whip until the air pressure reduces. A violently thrashing air hose becomes a projectile and is extremely dangerous and can strike people or equipment with considerable force, causing injury or death, or resulting in damage to plant and causing production downtime.



## Risk Assessment

Working accidents and illness at work costs money and ruins lives.

Good health and safety is good business - and it is a law !

**Don't take risks !**

**Ignorance of the law is no excuse! Act now!**