UK SAFETY ALERT

UK SA08/2018 - 10.05.18

Display Until 15.06.18



CAPTIVE KEY INTERLOCKS – KEYED ALIKE & MASTER KEYS

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DETAILS OF THE INCIDENT

Guarding to new equipment installed by a contractor on one of our sites incorporated a trap key system, in this case manufactured by Fortress, but supplied by a third party wholesaler. <u>Concern was raised during commissioning</u>, when it was identified that there was a spare key for the new interlock system; further significant concern was raised when it was identified that the keys would also open other existing interlocks around the site, presenting a significant risk of major injury or death.



KEY FINDINGS

Investigation confirmed Fortress offer 2 ranges of keys; CL which are non masterable and ML, which are masterable. When obtained from wholesalers, only a limited number of lock and key combinations are available, giving rise to a risk of having duplicate keys on site. Further investigation has confirmed that a similar risk exists with trap key systems from other manufacturers.

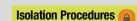
HOW COULD THIS HAVE BEEN AVOIDED?

Duplicate and / or master keys for interlock systems are prohibited on our sites. In this case the systems should have been ordered direct from the manufacturer, who keep a database of the locks they supply to individual sites to ensure they are unique and not keyed alike.

KEY REVIEW POINTS

- If your site use Fortress interlocks, ensure they are from the CL range.
- Verify that trap key systems are non masterable, that there are no duplicate locks and no spare keys...spare keys should have been destroyed.
- Log and compare the serial numbers on the lock and key sets to ensure they are unique; share this information with contractors if they are quoting to install additional interlocks.
- Always read and understand the any warnings / disclaimers associated with critical safety equipment.





Never work on live or moving machinery – always 'lock out'.

Tools and Equipment 🥢

Use the right, well maintained, tools/ equipment for the job. Never make do.

Safe Systems

Follow safe systems of work, site rules, signage and traffic signals.



