



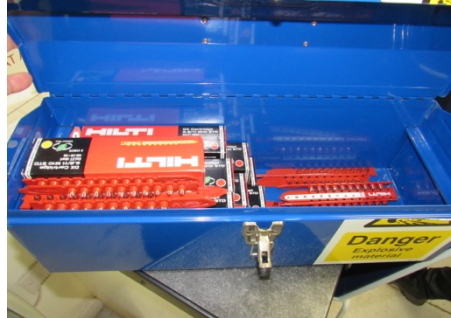
<b>Title:</b>	<b>Cartridge Tool Explosives Storage</b>
<b>Priority</b>	Amber – Audit Rating: Non-Conformance-Minor
<b>Legislation:</b>	PUWER, W@H, HASWA S6
<b>Brief Description:</b>	Cartridge operated tools are powered by small explosive charges – caps – and there are specific requirements for their storage
<b>Equipment Affected:</b>	cartridge operated tool consumables / cap storage for Hilti DX450 / 460, Tornado Fixings EXP88 and others

During SafeHire audits it has been identified that cartridges for cartridge operated tools are stored in a variety of ways.

These cartridges are classed as Type 4 Explosives and GB legislation ([Explosives Regulations 2014](#)) limits the maximum unlicensed storage of this Type to 5kg maximum. That is over 1,000 cartridge strips.

MSDS (Material Safety Data Sheet) from suppliers also requires storage temperature to be managed (e.g. Hilti 5°C to 25°C maximum), items to be securely stored and away from sources of ignition and not in direct sunlight.

Lockable toolboxes and small safes have been used to good effect by many members.

on open shelf in shop in direct sunlight – poor practice	simple secure storage	simple secure storage
		

<b>Recommended Actions:</b>	<ul style="list-style-type: none"> <li>• Review MSDS for cartridges from your supplier</li> <li>• Review existing storage arrangements</li> <li>• Ensure you consider domestic law e.g. Manufacture and Storage of Explosives Regulations (Northern Ireland) 2006</li> <li>• Periodically check item condition and monitor use-by dates where applicable as per HAE Technical Bulletin 4 – date-sensitive consumables</li> <li>• Cartridges are classed as hazardous waste – review how to dispose of old / used cartridges with your waste disposal provider note: some suppliers will take back old cartridges as part of their service</li> </ul>
-----------------------------	--

<b>Circulation:</b>	workshops, mobile service and management team
---------------------	---

<b>Title:</b>	Cartridge Tool Explosives Storage	<b>Bulletin Number:</b>	35-2017	<b>Creation Date:</b>	05/12/2017
<b>Authors:</b>	TfH Ltd	<b>Reviewed by:</b>	TH&S Panel	<b>Revision:</b>	V1

<b>Title:</b>	Cartridge Tool Explosives Storage	<b>Bulletin Number:</b>	35-2017	<b>Creation Date:</b>	05/12/2017
<b>Authors:</b>	TfH Ltd	<b>Reviewed by:</b>	TH&S Panel	<b>Revision:</b>	V1