MORGAN SINDALL CONSTRUCTION

Gas & Cartridge Tools

A serious hand injury has occurred following the incorrect use of a Paslode nail gun.

The operative was fixing a length of 150mm SFS to a concrete floor with 27mm masonry nails, operating a gas powered Paslode Spit Pulsa nail gun when the equipment miss fired and jammed. The IP attempted to clear the blockage, during this process he placed his hand over the contact trip mechanism and applied enough compression to engage the mechanical and electrical interlock that allows the trigger to become live at which point the gun fired penetrating the IP's hand with 27mm masonry nail.





Significant failings:

The investigation concluded that despite suitable pulsa system training which covers the clearing of pin jams and blockages as part of its standard curriculum coupled with tool maintenance, the standard procedure was not followed, this includes disconnecting the battery and removing the fuel cell and any remaining pins form the magazine. Although the use of gas & cartridge tools were covered within the risk assessment and safe system of work, they did not clearly detail the process for clearing blockages.

Learning points:

Competency assessments developed by the subcontractor on the use of gas-powered nail guns authored in alignment with the paslode manufacturers instructions and in addition to pulsa system training.
RAMS & SSOW reviewed to include the methodology for clearing blockages when using gas and cartridge tools.
TBT delivered on the processes around correct procedures to follow in the event of a miss fire.
Learnings shared across the wider business via SHE Bulletin and C&W dashboard.

REFERENCE	ISSUED	DISPLAY UNTIL
SHE-BUL-2026/027	May 2026	SEPT 2026