

S.A. Equipment Ltd.

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SA622 APPROVED SAFETY TORCH – Brit. Pat. 926 658

Approvals

BASEEFA Certificate Ex. 80284. BS4683 Pt.4 1973
Increased Safety (e) Group II Temperature class T6 (85°)

Dept. of Trade (Marine Division) : Certified. Class III torch
(When fitted with safety lanyard) Temperature Class T4 @ 65°C ambient

M.O.P. Safety Lamp Approval B3/211

INSTRUCTIONS

IMPORTANT

The SA622 has a safety lock which prevents the electrical circuit from being made until the front cap has been locked in position; similarly the front cap cannot be removed until the circuit has been broken. THE TORCH WILL THEREFORE NOT OPERATE UNTIL IT IS LOCKED.

The torch is normally supplied unlocked, with the locking screw, which has a right hand thread and a D shaped head, projecting above the switch housing and the switch slider hard back in the off position.

ONLY THE SPECIAL LOCKING KEY PROVIDED WITH EACH TORCH SHOULD BE USED TO LOCK AND UNLOCK THE TORCH. Use of any other tool can damage the D head of the screw and make it inoperable. Spare keys are readily available.

To Fit Batteries

With the torch unlocked, unscrew the front cap and insert three 1.5v cells; brass caps uppermost (that is nearest the bulb). Any type of R20 size cell may be used. Check that the bulb holder is screwed home. Replace the front cap, tighten down and line up the flat faces and shoulders exactly with those on the body.

To Lock

With the locking screw unscrewed to its fullest extent, push the switch slider hard forward until it touches the screw housing. This will engage the locking latch into one of the slots in the front cap (the slider must be hard up against the screw housing for the latch to be properly engaged). Then using the special key, screw down the D headed locking screw until the bulb lights. DO NOT OVERTIGHTEN as this will cause damage (Check bulb if torch does not operate). Seal the torch by pressing the polythene sealing plug into the locking screw recess, hollow side downwards.

The torch is now ready for use.

To Unlock

Dig out the polythene plug, which is disposable, and using the special key unscrew the locking screw to its fullest extent. Then pull the switch slider hard back to the OFF position. This withdraws the latch from the front cap which can then be unscrewed.

THE TORCH MUST NOT BE OPENED IN THE DANGER AREA.

Servicing

All parts of the torch are replaceable and can be fitted by the user. Access to the switch and locking mechanism is obtained by prising out the 3 polythene plugs and removing the 3 switch cover retaining screws (when refitting, these must be screwed tightly home). The nylon carrier is a clip fit onto the base of the torch.

Should the torch be dropped from a height onto a hard surface slight dislocation of the front cap can occur. This does not impair the torch's safety, and the cap can be relocated correctly after leaving the danger area.

Electrostatic

To avoid risk in very ignition sensitive atmospheres (Hydrogen Acetylene and other Group IIc gases) from any electrostatic charge which may have built up on the plastic casing **THE SEALING PLUG MUST BE IN POSITION OVER THE LOCKING SCREW** and the torch **SHOULD NOT BE CLEANED IN THE DANGER AREA.**

Safety Lanyard

A safety lanyard must be attached to the torch when used on ships. Catalogue No. of torch when supplied with Lanyard : SA622M.

N.A.T.O. Stock No. 6230-99-106-7377
Service Reference No. 5A/106 - 7377

Spares

CAT. No.	Description	CAT. No.	Description
SA622/1	Body	SA622/10	Reflector
SA622/2*	Front Cap	SA622/11*	Reflector U Seal
SA622/3*	Battery Container	SA622/12*	Lens
SA622/4	Switch Assembly c/w Screws	SA622/29	Sealing Plugs (48)
		SA622/30	Locking Key
SA622/8*	Bulb Holder	PR7	3.5v 0.3amp Prefocus
SA622/9*	Carrier		Bulb

**These items only supplied in multiples of 10*

The torch is supplied complete with bulb, locking key and 48 sealing plugs.
