

**Document Number: SASoM/EQUIP/004.v2****Title: Use and Maintenance of the Stuart Heating Blocks****Version: v2****Author: Peter Mullen**

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SOP History		
Number	Date	Reason for Change
v1	01/01/2013	Original
V2	01/01/2018	Update

1.0 Purpose –

The purpose of this SOP is to outline the principles of the routine use and maintenance of the Stuart Heating Blocks in Laboratory 248 at the St Andrews School of Medicine (SASoM).

2.0 Scope –

This SOP applies to routine use and maintenance of the Dri Block Heaters within the SASoM.

3.0 Responsibilities –

It is the responsibility of all users of the Dri Block Heaters within the SASoM to comply with this SOP.

4.0 Procedure –

Select and the insert the chosen block(s) appropriate to the size of tubes being heated

Ensure that both the underside of the block(s) and the top of the hotplate are clean.

Select the temperature required by pressing the 'set' button and then using the arrow keys to increase / decrease the digital display. Once the correct temperature has been selected, the 'set' key can be released.



Equipment Operation Procedure

The heater (and heater indicator) comes on if the set temperature is higher than the current block temperature.

When the set temperature is approached, the heater indicator will go off.

Place the tubes containing the sample liquid in the blocks.

When you have finished heating samples, TURN OFF the unit to prevent injury to other people working in the laboratory.

Remember that parts of the unit, the tubes, blocks and associated accessories may remain very hot despite the instrument having been turned off.

5.0 Personal protection -

Howie coat must be worn at all times.

6.0 Spillages -

Always clean up any spills to both the Heater and the bench immediately after use.

Only you know what you have spilt and are aware of that chemicals hazard.

Mop up spills with paper towels. Wash the site of spillage with water & detergent.

7.0 General maintenance -

Clean surfaces of the apparatus with soft cloth and mild detergent

8.0 Related documents –

- 8.1 Equipment manual
- 8.2 Equipment Maintenance Information sheet
- 8.3 Risk assessments – RA/GEN/008



9.0 Approval and sign off –

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Signature: _____ Date: _____

Management Approval:

Name: Mary Wilson

Position: Laboratory Manager

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Control