



Document Number: SASoM/EQUIP/011.v2

Title: Use and Maintenance of the Scotsman AF80 Ice Machine

Version: v2

Author: Peter Mullen

Effective from:	01/07/2017
Valid to:	31/06/2022

SOP History		
Number	Date	Reason for Change
v1	01/02/2013	Original
V2	01/07/2017	Update Equipment detail

1.0 Purpose –

The purpose of this SOP is to outline the principles of the routine use and maintenance of the Scotsman AF 80 Ice Machine in Laboratory 248 at the St Andrews School of Medicine (SASoM).

2.0 Scope –

This SOP applies to routine use and maintenance of the Scotsman AF 80 Ice Machine within the SASoM.

3.0 Responsibilities –

It is the responsibility of all users of the Scotsman AF 80 Ice Machine within the SASoM to comply with this SOP.

4.0 Procedure –

Principles of Operation:

Once up and running the machine's bin will fill with ice until the top of the ice activates the electric-photo cells fixed in the ice outlet and ice production will automatically stop. If this occurs use ice scoop to level/remove ice and ice production will immediately resume.

Operation:

Lift lid and remove ice using scoop into an ice bucket.



Gently replace lid.

Leave the ice scoop on top of the bin. Do not leave it in the ice bin.

5.0 Personal protection -

Howie coat must be worn at all times.

6.0 Spillages –

Mop up any spilt ice. Mop and bucket in autoclave room (room 248N). Place yellow warning board to alert lab personnel until floor area dries.

7.0 Maintenance -

Turn off both the ice machine and pump.

Using the ice scoop remove the ice and put it into containers.

Place ice in the cold room.

Clean the ice storage bin, using a detergent diluted in warm water and rinse it with warm water.

Replace ice into storage bin.

8.0 Related documents –

- 8.1 Equipment manual
- 8.2 Risk assessments – RA/GEN/023



9.0 Approval and sign off –

Author:

Name: Mary Wilson

Position: Laboratory Manager

Signature: Date:

Management Approval:

Name: Peter Mullen

Position: Research Fellow

Signature: Date:

QA release by:

Name: Alex MacLellan

Position: QA Manager

Signature: Date:

Control