

NDMRB-RA-072

Risk Assessment: Using Incubators within the NDMRB

Scope

This document explains the risks involved in using the incubators installed in the NDMRB. This document outlines the risks and how to ensure that they are minimised, the make and model installed varies between floors and groups but the risks are deemed to be the same.

Finger traps in the doors are identified as the most likely risk, however, if a high temperature decontamination cycle can be employed this poses a very strong risk of being burned as the incubator can be ran at very high temperatures. Also, 70% Ethanol or isopropanol will be used during disinfection process

This replaces TDI-RA-009

Name of assessor:	Andrea Keepence-Keyte	Date of Assessment:	June 2013	Review Date:	Every three years
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Risk Matrix:

Risk Matrix		Likelihood			
		High	Medium	Low	Negligible
Consequence	Severe	High	High	Medium	Effectively Zero
	Moderate	High	Medium	Medium/low	Effectively Zero
	Insignificant	Medium/Low	Low	Low	Effectively Zero
	Negligible	Effectively Zero	Effectively Zero	Effectively Zero	Effectively Zero

Risk Assessment:

Hazard (Cause and consequence)	Affected Groups	Existing controls	Risk	Further Action
Finger trap in door – bruised fingers.	All users	Ensure that fingers are out of the way when closing the interior and exterior doors of the incubator	Medium	None
Burn risk during high temperature disinfection – the chamber is heated to 120°C-160°C during this process	All users	Ensure that the doors are NEVER opened during the high temperature disinfection cycle	Medium	None
Cleaning solution – 70% Isopropanol or Ethanol	All users	Ensure that safety glasses, lab coats and gloves are worn when cleaning the incubators using these solutions.	Medium	None

Signed By Author:

Approved by (sign and print):

Reviewed by:

Review date: