CRITICAL FREEZER REGISTER

Index Number
Accout Number
Account Name
Location Name

Page:

					Monitoring		Protection				
Faculty	Location (Building Name and Level)	Building Air-conditioned (Y/N)	Building Fire Detection/Protection (Smoke Dectection/Automatic Sprinklers)	Freezer Details (Type, Manufacturer, Model, Teperature Rating)	High Temperature Alarm	Loss of Power Alarm	Access Control (Security)	Backup Power (UPS/Diesel Gen)	Alternate Refrigerent source (CO2 Cylinders)	Emergency Storage (Spare Freezer Storage)	Documented Emergency Response Plan

Notes:
Location: Ideally, critical freezers should not be located in below grade spaces (basements etc) especially where there is potential for flooding
Freezer Details: Type refers to Walk-in/Upright/Chest
Monitoring: Are alarms provided for temperature and power loss and if so, are these connected to a constantly monitored location.
Protection: Ideally, provision of emergency power supply and alternate refrigerent source will limit the potential for unexpected warming in the event of a fault.
Emergency Response: This plan should identify persons responsible for addrerssing problems involving critical freezers (-80 °C) and detail actions to be taken to mitigate loss of samples. This may also inculde contingency plans for alternative storage for samples if damage or fault in the freezer cannot be addressed in an acceptable time.