

SAMPLE RISK ASSESSMENT (inc COSHH)

The Costly Battery – For demonstration/class activity

Specific

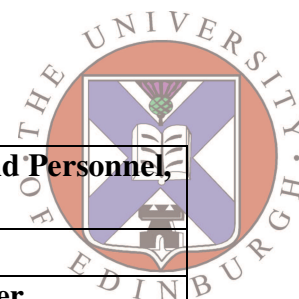
Generic

Please tick

Date: 25/09/06

Attach additional sheets if required at any section.

Substances Involved and Hazards Identified: e.g. Biological*; Radioactive*; Toxic, Explosive, Inflammable, Carcinogenic		
Substance	Hazard	
Sodium Chloride	No significant hazard.	
Aluminium Foil	No significant hazard.	
Equipment used & Hazards Identified (Please Tick)		
Apparatus ✓	Cryogenic	Electrical
Scheme of Work/Procedure Pieces of filter paper are soaked in the salt solution. A stack with layers of 2p, soaked paper, foil, soaked paper, 2p, soaked paper, foil, etc. is formed. Each wire of the voltmeter is attached to either end of the stack. A small voltage is produced.		



**Particular Control/Safety Measures to be Adopted: Both Engineering and Personnel,
e.g. Fume Cupboard, Gloves, Blast screen**

Safety goggles, lab coat

EMERGENCY PROCEDURES (a) Spillage (b) Fire (c) Other

a) Wipe up and rinse affected area

b) In case of fire, extinguish with either powder, CO₂ or Foam extinguisher

First Aid Treatment

In case of contact, immediately flush eyes or skin with copious amounts of water. If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately.

Waste Disposal Procedures

Wash down sink with plenty of water

Information Sources

Material Safety Data Sheets

Name of Assessor

Signature