

<b>Risk Assessment for:</b>	Smart Barbecue experiments
<b>Task:</b>	Experiments using a data logging device will be carried out on a charcoal barbecue in Queen's lawn
<b>Assessment ref. No.</b>	

<b>Assessment undertaken by:</b>	VIGRAM MOHAN
<b>Signed:</b>	
<b>Date:</b>	
<b>Assessment review date:</b>	

Hazard	Persons at Risk	Existing Controls	Action Needed
Burns from coal	Vigram Mohan	Fireproof gloves will always be worn. A First Aid box will be kept in case of accidents.	
Risk of irritation to skin and eyes from firelighter	Anyone handling the firelighter	Wash hands before and after touching them. Also wear goggles to prevent irritation to eyes.	
Potential of fumes coming off the firelighters catching fire.	Anyone handling the firelighter	The firelighters will be stored in a sealed container inside the flammable cabinet.	
Risk of relighting barbecue when it's still smouldering	Vigram Mohan	Using solid firelighters instead of a liquid one. Firelighters will also be used only at the start and not during the barbecue itself	
Storing of the firelighters	Vigram Mohan	Storage will be in the lay bay stores room 103 Electrical engineering building, inside a flammable cabinet. Access to the lay bay stores will be through a member of Electrical engineering staff via either	

		EEstores or Mr Andrew Paice. The building manager has been informed of the above.	
Flares originating from coal	Vigram Mohan	Lab goggles will be worn	
Electrical equipment	Vigram Mohan	Electrical equipment is made water resistance and will not be placed in close range of the coal.	
Lighting the coal	Vigram Mohan	Coal will be lit using safe barbecue lighting fluid and a long enough lighter	
Grass burning from coal	Grass	A fire proof mat will be placed under the barbecue so that the grass is not affected	
Position of BBQ		BBQ is sited in an area free of vehicle and pedestrian traffic with access limited to staff that man the equipment.	
Post Barbecue storage	Vigram Mohan	At the end of the BBQ, hot coals and charcoal briquettes are doused in cold water by the competent person taking care not to receive very hot flash-back steam from doused coals etc.	
Fire-fighting	Vigram Mohan	A bucket of water will always be kept near the barbecue in case of emergencies. Have also been provided with a water fire extinguisher from the fire safety office	
Burns while cleaning up	Vigram Mohan	The briquettes are put off in cold water and the barbecue is left to cool down before storage to ensure that no burns are suffered. Fire proof gloves will also be worn while handling the barbecue	

I have read and understood the above risk assessment, and received appropriate relevant training:

Employee's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Employee's Name (please print): \_\_\_\_\_