

	REPUBLIC POLYTECHNIC	QEHS Records / Data
	Risk Assessment for XXXX	Effective Date: 14-Aug-2017

Dept:	Sound	Team Leader:		Approved by HoD
Activity / Event name:	Preparation and packing	Team Member:		Name:
Location:				Designation:
Effective Date:	14-Aug-17			Evidence of Approval:
Event Start Date:	-			
Event End Date:	14-Aug-18			<embed HOD approval email>

S/N	Aspect / Hazard Identification			Impact / Risk Evaluation				Impact / Risk Control			
	Activities	EHS Aspects / Hazards	EHS Impact / Consequence	Existing Control Measures	Likelihood of Occurrence	Severity of Consequence	Initial Priority No.	Additional Controls (if any)	Implementation Person	Due Date	Status
1	Soldering of Components	Splash / Spatter of molten solder	Eye injury / Blindness	Ensure that all participants are wearing Safety Goggles. (including persons wearing glasses)	Low	Moderate	4	Nil	Nil	Nil	Nil
		Equipment not grounded	Electrocution / Shocks	Check equipment chasis with test pen	Low	High		Nil	Mr Flash	10-Aug-18	In progress
		Electrical Hazard	Burning of soldering iron cable	Briefing of participants. Ensure that students follow soldering procedures	High	Moderate					
		Fumes generated from soldering process	Long term respiratory / health issues	Only lead free solder will be used. Ventilation Fan to be switched on.	Low	Moderate		Nil	Nil	Nil	Nil
2	Termination of Electrical Cables	Impromper assembly of cables	Electrocution / Shocks	All cables to be inspected by class Lecturer prior to testing	Low	Moderate	4				
		Sharp / Pointed tools	Cuts and gashes	Availibility of First Aid Box. Presence of Competent First Aider and induction programme for all	Low	Moderate	4	Nil	Nil	Nil	Nil
		Sharp / Pointed tools	Cuts and gashes	Availibility of First Aid Box. Presence of Competent First Aider and induction programme for all participants	Low	Moderate	4	Nil	Nil	Nil	Nil
		Falling objects	Crush injury / Fractures / Bruises / Cuts	Ensure that all relevant Personal Protective Equipment (PPE) and Covered footwear are worn by all.	Low	Moderate	4	Nil	Nil	Nil	Nil

	Show and Tell Productions	QEHS Records / Data
	Risk Assessment for XXXX	Effective Date: 14-Aug-2017

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Activity / Event name:		Team Member:		Name:
Location:				Designation:
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1	Preparation and packing at AV rental company's warehouse	Ergonomic Hazards	musculoskeletal injuries/strains/sprains from repetitive motion	Monitor that workers are using the right techniques	High	Moderate	P3	Nil	Nil	Nil	Nil
		Electrical Hazards	electric shock/ electrical fires if not handled properly or if cables are damaged	Regularly inspect electrical equipment, tools, and appliances for signs of wear, damage, or malfunctions. Promptly repair or replace faulty equipment to prevent potential electrical hazards.	Moderate	Very High	P2	Make sure workers wear appropriate PPE equipment like electric resistant gloves when handling cables	Nil	Nil	Nil
		Slip, trips and falls	Bodily injury	Ensure that there aren't any cables or boxes lying around before walking around the area	Moderate	Moderate	P3				
		Fire and Hazardous materials; improper ventilation	Burns, warehouse catching on fire	Make sure that the equipments have proper ventilation before leaving the warehouse	Moderate	Moderate	P3	Nil	Nil	Nil	Nil
2	Loading and unloading of equipment	Manual Handling and Lifting Hazards	musculoskeletal injuries/strains/sprains from repetitive motion	Monitor that workers are using the right techniques	High	Moderate	P3				
		Slip, Trip, and Fall Hazards from uneven terrain/ cables and equipment lying around carelessly	Bodily injury	Ensure that there aren't any cables or boxes lying around before walking around the area	Moderate	Moderate	P3	Nil	Nil	Nil	Nil

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	Activities	EHS Aspects / Hazards	EHS Impact / Consequence	Existing Control Measures	Likelihood of Occurrence	Severity of Consequence	Initial Priority No.	Additional Controls (if any)	Implementation Person	Due Date	Status
		Weather Conditions; extreme heat, rain, wind, or even storms.	Heat stroke, bodily injury from falling; wet floors	Ensure that workers get drink enough water/ wear anti slip shoes	Low	Moderate	P4	Nil	Nil	Nil	Nil
3		Falling objects/Hazards falling on employees/ bystanders	Bodily injury	Make sure that the equipments are secure/ in good condition/ clear pathways	Moderate	High	P3	Properly store equipment in designated areas when not in use. Use shelves, racks, or cabinets designed for the specific equipment to prevent them from falling or tipping over. Avoid stacking equipment too high or in unstable configurations.	Nil	Nil	Nil

Severity Likelihood	Very High	High	Moderate	Low
Very High	Intolerable Risk (P1)	Intolerable Risk (P1)	Substantial Risk (P2)	Tolerable Risk (P4)
High	Intolerable Risk (P1)	Substantial Risk (P2)	Moderate Risk (P3)	Tolerable Risk (P4)
Moderate	Substantial Risk (P2)	Moderate Risk (P3)	Moderate Risk (P3)	Tolerable Risk (P4)
Low	Tolerable Risk (P4)	Tolerable Risk (P4)	Tolerable Risk (P4)	Tolerable Risk (P4)
Very Low	Tolerable Risk (P4)	Tolerable Risk (P4)	Tolerable Risk (P4)	Trivial Risk (P5)

Very Low
Tolerable Risk (P4)
Tolerable Risk (P4)
Tolerable Risk (P4)
Trivial Risk (P5)
Trivial Risk (P5)