



RISK ASSESSMENT TOOL (RAT) SCIENCE STAGE SHOW – COMMUNITY EVENTS

POTENTIAL RISK/HAZARD	RANKING LEVEL	RISK CONTROL MEASURES – ACTION TAKEN TO REDUCE RISK
SMOKE DETECTOR / FIRE ALARM FALSE ALARM	LOW	ISOLATE SMOKE / FIRE ALARMS IN AREA OF PERFORMANCE IF ISOLATION NOT POSSIBLE FIRE ELEMENTS REMOVED FROM PERFORMANCE
SMOKE INHALATION DURING DEMONSTRATIONS	LOW	USE NON-TOXIC FOG LIQUID ENSURE ADEQUATE VENTILATION IN ROOM SAFETY BUFFER ZONE ENFORCED
SLIP AND FALL FROM SPILT WATER	LOW	SPILS CLEANED UP IMMEDIATELY PAPER TOWEL ON HAND FOR CLEAN UP SAFETY BUFFER ZONE ENFORCED
BURNS TO DEMONSTRATOR	LOW	SAFE HANDLING TECHNIQUES AND PPE USED CHILDREN NOT TO HANDLE FLAMABLE SUBSTANCES WATER TO BE AVAILABLE AT ALL TIMES
DAMAGE TO HEARING FROM NOISE	LOW	WARNING GIVEN TO AUDIENCE BEFORE EXPLOSIONS AUDIENCE ASKED TO COVER THEIR EARS ENSURE LIMITED EXPOSURE (SHORT DURATION) PRESENTERS WEAR PPE AND EXERCISES CAUTION
NITROGEN / DRY ICE BURNS	LOW	SAFETY BUFFER ZONE ENFORCED SAFE HANDLING TECHNIQUES AND PPE USED CHILDREN NOT TO HANDLE NITROGEN OR DRY ICE

SAFETY TALK GIVEN AT BEGINNING OF WORKSHOP BY TRAINED PRESENTER

Ranking Levels: Low, Medium, High, Extreme.

This is an indication of the level of potential risk/hazard harm should it occur, once control measures are in place.

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