Generator Risk Assessment Petrol & Diesel

What are the Hazards which cause:	Who/what may be harmed? (give specific of people e.g. staff, visitors, users or contractors)	What is done now? (i.e. provision of training, corporate and local standards, codes of safe working practice, supervision, monitoring systems	What is the rate of Risk? (Rate risk as Low, Medium or High)	What action needs to be taken? (the needs to be considered in that the risks are identified and effectively controlled)	By when? (what is the target date for completion)
Contact with Equipment resulting burns or electric shock	Participants Operators Spectators Staff	All generators are to be enclosed by standard barrier fencing and kept at a safe distance from the public	Severity of Risk (S)- 2 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 2 LOW	Staff to be vigilant	Ongoing
Leaking fuel causing fire or slipping	Participants Operators Spectators Staff	Generators are serviced and tested annually. Each generator will have its own fire extinguisher.	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Staff to be vigilant	Ongoing
Noise	Participants Operators Spectators Staff	Generator placed at a distance from the activity	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW	Daily Checks to verify	Ongoing
Fire Storage	Participants Operators Spectators Staff Public	Safety fencing erected to cordon area off. Suitable Fire extinguisher supplied. Spare Fuel stored in safe container. Unit switched off when refuelling. Store Fuel container in a locked room or unit.	Severity of Risk (S)- 3 Likelihood of Risk (L)- 1 Overall Risk (S x L)= 3 LOW 2	Daily Checks to verify Safety at all times	Ongoing When not in use

Calculation of Risk Evaluation

Severity (S)

Severity of Risk is judged by evaluating the effects of the hazard if the risk occurs.

This is evaluated as Minor = 1, Major = 2, Serious = 3

Risk Likelihood (L)

The likelihood of the harm occurring is evaluated on the following basis:

Unlikely =1, Possible = 2, Likely = 3

Overall Risk

Overall Risk is calculated by multiplying the figure for Severity (S) x Likelihood (L). The figure calculated is related to the rate of risk as follows 1 to 3 Low, 4 to 6 Medium, 7 to 9 High