

### Risk Assessment

**Area: Any SRCC Field Day (or similar) Site**

**Assessor: Peter Burton**

**Date: 15/02/20**

**Activity: Erection and subsequent disassembly of Amateur Radio Station.**

**A designated “Safety Officer” shall be nominated and must be on site and contactable at all times.**

No.	Hazard	Consequence	Likelihood	Ranking $R = C \times L$	Risk Control Measures and other Comments
1	Trip hazard from tent guy ropes and antenna mast guy ropes	1	1	1	An exclusion zone will be marked out around the tent and antennas with warning tape and/or lights.
2	Trip hazard from trailing cables	1	1	1	Where possible, all cables within the station operating area will be routed so as to ensure that nobody can trip over them. Where cables have to cross a floor of the operating area, they will either be clearly marked or suitably protected by appropriate means (e.g. Tape or Cable Protectors). [Antenna cables within the antenna exclusion zone will be covered by the appropriate exclusion zone; see <1>.]
3	People falling off Steps	3	2	6	Only 2 people will be given authorisation to work at height. Both will be experienced and trained in such work.
4	Collapse of mast or parts falling there from	2	1	2	All antenna masts will be securely guyed using rope and fixtures whose specification exceeds the loading caused by winds of up to Beaufort Force 5. All guy ropes will be checked immediately prior to installation and any found to have suffered chaffing will be replaced. In winds that exceed Beaufort Force 5, the masts will be dismantled and the station shut down. A flag will be placed on top of the highest mast so that wind speed can be gauged – a method of measuring wind speed is recognized by the Metrological Office. (At Beaufort number 5, the flag flaps and ripples in the wind.) An exclusion zone will be marked out [see <1>]. During actual erection and disassembly, one person will be delegated to keep the public at a safe distance.

5	Electrical shock hazard from equipment when operating from a 230v AC power supply	3	1	3	When using a generator, it will be earthed at the generator and the earth connection on the electrical supply will be checked to ensure that it is wired correctly. An exclusion zone will be marked out around the generator with warning tape and/or lights. Any generator will be protected from becoming wet during a rain storm.
6	Fire	2	1	2	Any fuel stored shall be kept at least 5m away from the generator when in use. Any generator shall not be refuelled when in use and extreme care shall be used during refuelling, particularly to ensure petrol does not fall on hot exhaust parts. Naked flames shall not be permitted within 5m of any fuel source. A suitable fire extinguisher shall be located nearby and also near or inside any occupied tent or caravan. Where possible, two exits will be maintained for all occupied tents and caravans to ensure everyone can get out as quickly as possible in an emergency.
7	Carbon Monoxide poisoning	2	2	2	Any generator shall only be operated in well ventilated conditions. Any location where gas is used for cooking, heating or lighting etc shall have a fully operational Carbon Monoxide Alarm fitted.
8	Electrical shock hazard from touching the antennas etc	1	1	1	An exclusion zone will be marked out around the antennas and other locations with warning tape.
9	Burns from cooking equipment	1	1	1	Any "kitchen area" shall be constantly manned when in use to prevent people from walking in to a hot stove, kettle and pan. Once used, hot pans and kettles are placed in a position where they cannot be knocked over, or touched by accident. Any stove will not be kept burning whilst not in use.
10	Minor cuts and other ailments requiring First Aid treatment	1	1	1	A designated First Aider must be on site and contactable at all times. A suitable First Aid Kit must be accessible at all times and its contents audited before each event.