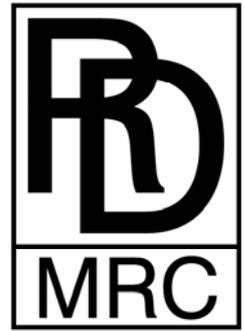


Risborough & District Model Railway Club

Founded 1971 President – Tim Peacock
Registered Charity No. 1173659
Clubroom - Princes Risborough Community Centre

www.rdmrc.org.uk / www.railex.org.uk

Affiliated to The Model Railway Club
Member of the Chiltern Model Railway Association



Risk Assessment - Slips, Trips and Falls: Electrical cables at Exhibitions.

Exhibits and traders at exhibitions require electrical power to their stands. These events are held in halls which have the power sockets around the outside of the hall only. No power sockets are provided in the floor as this would interfere with the normal sporting use.

In order to get power to the stands in the middle of the hall, power cables must be provided which can either go across the floor or overhead:

Overhead power cables. This would be the ideal situation but is not a practical solution for the following reasons:

- 1 The halls we use do not have any fixings to attach the cables to.
- 2 Overhead cables would need to be much longer than the present 20m cables we have access to.
- 3 Longer cable runs would require joining cables which is undesirable as you would have inaccessible connections and fuses.
- 4 Setting up overhead cables would require working at height which introduces new risks.

Cables over the floor:

- 1 Where cables cross the floor, they present a trip hazard and possibly a risk of damage to the cables.
- 2 To solve this, we use rubber cable covers that are designed for the purpose. These are placed over the cables. This allows wheelchairs to cross the cables.
- 3 The cable covers are then held in place by PVC hazard tape, usually black/yellow. This makes the cable covers easier to see, prevents them from moving and does not damage the hall floor.

Cables behind the stands should be routed so as not to present a trip hazard and may need taping down where appropriate. Exhibition organisers should make sure the power used at an exhibitions is suitably distributed between power circuits so as not to overload cables or circuits. RCDs should be used on all power cables unless this is provided at the switch box.

14/11/17

Paul Wright

Revision 1