

# NAFLIC

*National Association For Leisure Industry Certification*

## Standards & Related Documents Sub-Committee

### TECHNICAL BULLETIN - SEPTEMBER 1994

#### 096. Formula XXXX Type Rides - Idées Loisirs S.A.

Howson Inspection Services and Systems & Safety Consultancy have notified us of several problems that they have encountered with some of the Formula series rides from Idées Loisirs. There are several types of these popular devices and the faults named may not appear on all versions.

1. The connections to the "traffic light" effects in the centre of the ride are supplied as open connector blocks, and as this area is open to the elements, consideration should be given to replacing these connectors with waterproof types.
2. The same comment applies to the flashing lights affixed to the railings, where open connector blocks are used. These can easily be touched, and should also be replaced with waterproof enclosed types.
3. The railings referred to above are detachable and are held in place by gravity and a tight fit. A more substantial method of fixing would be desirable, to prevent accidental removal of the railings.
4. These railings can be considered as extraneous metalwork, and if so, should be provided with an earth bonding conductor.
5. In the electrical switching gear cabinets within the operators box, there are bare terminals, that present a shock hazard, when the doors are open. The Appointed Person should consider methods of ensuring that these terminals can not be touched accidentally by adequate isolation and provision of locks to the cabinet doors.
6. In some cases, the earth leakage protection devices have a higher trip current rating than 30mA as recommended in the Code of Safe Practice. Appointed Persons should consider whether such shock protection provided is adequate.
7. In some cases the main incoming supply cables have been found to have pulled loose from the connection point outside the operators box, leaving bare live conductors and poor earth integrity. This area should be checked thoroughly during examinations.

This list is not intended to be exhaustive.

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