

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Committee

TECHNICAL BULLETIN - AUGUST 2002

244. Safeco Crazy Frog - Seat Restraint Cable Routing

In June 2000 (Technical Bulletin 204) we reported on some issues affecting seat restraint interlocking on a Safeco Crazy Frog.

We have recently heard that maintenance staff at Fantasy Island discovered that cabling which provides part of the seat restraint interlock circuits was found to have been damaged by contact with, or proximity to, a heat source. The heat source consisted of themed lighting, fixed through the fibreglass car shell. Bearing in mind the safety-related nature of the interlocks, it is our view that controllers of these Safeco rides should seriously consider checking that restraint interlock cables are not badly routed and thereby prone to sudden failure.

The principle is, obviously, not confined to Crazy Frog rides, nor just to restraint interlocks, but also to other safety-related cabling. In February 2000 we issued Technical Bulletin 199 about an accident which resulted from cable damage. As well as heat, damage sources such as chafing from vibration, inadvertent nipping of cables, and others can occur.

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