

# NAFLIC

*National Association For Leisure Industry Certification*

## **Standards & Related Documents Sub-Committee**

### **TECHNICAL BULLETIN - JANUARY 1995**

#### **106. Passenger Containment**

The Health and Safety Executive recently wrote to us drawing attention to the fact that a number of incidents in the 1994 season raised issues relating to passenger containment.

The term "passenger containment" covers aspects of the passenger's immediate environment which are important for his or her physical safety during the ride. It does not just cover the risk of ejection due to the ride motion, but also includes :-

- ◆ confining the passenger to a particular area within which he or she will be safe;
- ◆ measures to minimise injury during the normal operation of the ride or if faults develop. Such measures can include the seat design, handholds, footrests and padding.

For new rides and rides newly imported into the UK, HSE inspectors will be expecting full compliance with the Technical Annex to the Code of Safe Practice. In particular they will want to see that the ergonomics of passenger containment have been taken into account at the design stage and have been included in the Design Review.

In all cases, including rides temporarily imported into the UK, the passenger containment system should, where appropriate, protect against :-

- ◆ ejection;
- ◆ falls arising from reasonably foreseeable passenger use and behaviour;
- ◆ inadvertent opening of the passenger restraint;
- ◆ injury from the motion of the ride.

Design Review should confirm that such protection, including secondary backup systems, has been shown to be satisfactory. HSE inspectors will expect ride certification to be withheld unless there has been such Design Review or if the containment does not remain in satisfactory condition.

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