

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Sub-Committee

TECHNICAL BULLETIN - OCTOBER 1994

101. Far Fabri s.r.l. Top Spin

We have recently had reported to us a problem concerning a Top Spin ride, manufactured by Far Fabri s.r.l. of Italy, which we consider to be significant since there are more than one operating in the UK, and there may well be more of these next season. The damaged ride has since been repaired to a specification from Far Fabri.

The problem involved fatigue cracking in a safety critical region of the ride, which was just four months old. The region affected was part of the car frame attachment to the main tube near the slewing ring mounting plate at one end of the car.

We do not know whether a report of Design Review was available but suspect, because of the short time scale, that there may be an inherent design defect at the position of interest.

We advise any person involved with certification of any of these rides, as with any new ride, to ensure that the Design Review, required by paragraph 16 of "Fairgrounds and Amusement Parks - A Code of Safe Practice", is made available and to consider the need to examine, using NDT as appropriate, the welds and parent metal at each end of the car frame attachments to the slewing ring mounting plates.

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