

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Committee

TECHNICAL BULLETIN - MARCH 2002

227. Mini Wheel Car Frame Corrosion

MP Fairground Inspections were recently involved with Thorough Examination of a Mini Wheel children's ride of the type manufactured and sold by S & W Amusements of Lowestoft. (We don't know whether this was an S&W ride, as they are freely copied).

It was noted that there was slight polishing of the square pillars that form the main framework for the cage arrangement and roof support of one of the cars. The polishing was at the point where the frame passed through the lower section of the fibreglass car.

Subsequent inspection after further strip down revealed that, where the framework changed direction and was then subsequently secured to the lower section of the cars, severe corrosion had occurred thus resulting in the potential for one of the cars becoming totally detached.

There are known to be many similar Mini Wheels in use.

[Note that other instances of structural deterioration in parts of passenger units not readily accessible because of cladding were reported in Technical Bulletins 126, 210 and 223].

Committee Members :- Dr Garry Fawcett (Chairman), Mr Richard Barnes, Mr Peter Smith, Mr Ian Grant,
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