

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Subcommittee

TECHNICAL BULLETIN - JUNE 1994

086. Sobema Matterhorn Accident

A serious accident occurred on a Matterhorn ride on 30 April 1994 when one of the passenger cars broke in half. The ride was imported from Sobema Carrousel of Belgium.

The failure resulted from fatigue and the subcommittee are aware that other more or less serious fatigue cracking problems have occurred on these rides. Unfortunately there were no calculations available for the car chassis and no report of Design Review had ever been provided. There was not therefore any inkling of the fatigue life of the failed constructional detail and no specified inspection instructions for that area.

We believe that there are 10 of these devices in the UK and we remind members of the importance of strip down examination and NDT of the car chassis and other components of the device.

Committee Members :- Dr Garry Fawcett (Chairman), Mr Richard Barnes, Mr Bob Nicholls, Mr Les Howson,

Mr Malcolm Tennant, Mr Peter Steffens

© NAFLIC June 1994

P.O. BOX NO. 9, BUXTON, DERBYSHIRE. SK17 9XF

TEL: (0298) 77468 FAX: (0298) 70784