

# NAFLIC

*National Association For Leisure Industry Certification*

Standards & Related Documents Committee

TECHNICAL BULLETIN — February 2015

## **389. Fabbri Mega Drop Tower restraint ratchet cracking**

We have received a report, from a UK registered inspection body, of failures on the restraint ratchet bars of a Fabbri Drop Tower. All 12 restraint bars were only 12 months old and purchased from the manufacturer but all had suffered from numerous areas of cracking throughout the length of the bar. Investigations are currently on-going to determine the cause; however preliminary thoughts are that the failures were due to poor material but until the results of the chemical and hardness tests are obtained this cannot be determined. The results will be reported when known.

It is thought that this type of locking mechanism is used on other Fabbri rides and a similar design may also be used by other manufacturers.



Committee Members: Mr. D Dadswell (Chairman), Mr. A Mellor (Secretary), Mr. P Smith, Mr. J Green, Mr. P Mitchell,  
Mr. D Cox, Mr. M Thirkettle, Mr. W Gilbert, Mr. H Fisher, Mr. J Shilling & Mr. D Inman