

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Committee

TECHNICAL BULLETIN — October 2015

402. Trailer hitching points

An inspection body has reported finding cracking on the trailer hitch for a Spectrum Sports mobile zip line, as shown in the photos below. The committee was informed that the cracking occurred on an early model of the device which has since been modified to address this problem.

The trailer hitch is not used during the operation of the device and the cause of the cracking has been attributed to the towing loads rather than to the forces exerted during operation of the device. Nevertheless, controllers and inspection bodies are urged to check the hitches on mobile trailer devices as part of their inspection and maintenance checks; not only could cracking in this area result in a serious incident during the transportation of the device, but there is a risk that the cracking could propagate into the structure of the ride.

Committee Members: Mr. D Dadswell (Chairman), Mr. A Mellor (Secretary), Mr. P Smith, Mr. J Green,
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