

522.

Safety critical modifications

The subject of safety critical modifications to amusement devices has again been noted by a number of IBs of late and in an effort to assist NAFLIC members and other IBs, as well as controllers, the Standards Committee believes it to be of value to put out another reminder of the requirements relating to such modifications.

The glossary to HSG 175 describes a safety-critical modification as “any alteration to the hardware and/or software of a piece of equipment, including the introduction of a safety-critical component which results in a deviation from the original design specification.”

As stated in HSG 175, if a modification that is safety critical is made to a device then a pre-use inspection, limited to the extent of the safety-critical modification only, must be carried out and reach a satisfactory conclusion before a DOC can be issued. The controller’s responsibilities in relation to this are described in paragraphs 181 to 184 of HSG 175.

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