

Your reference/communication

Our reference

Tel. direct dial

Date

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25/03/2008

Service Letter 25-04

Dear Sirs,

According to our records you are the owner/operator of a HUSS TOP SPIN amusement ride. If this is no longer the case, please return this letter to us together with the name, address and contact information of the current owner.

With reference to the Top Spin, be advised that over an extended period of time corrosion may occur between the padding and steel tube structure of the ride's restraint system. If corrosion occurs the tube wall thickness and the structural integrity of the restraint may deteriorate to unacceptable levels. As such we strongly recommend that each restraint be x-rayed after five (5) years of use and then every three (3) years thereafter, where no corrosion is evident. If there is evidence of corrosion, we then recommend that the restraint tube wall thickness be inspected annually.

Typical steel tube wall thickness for the upper restraint was three point two millimetres (3.2 mm) depending upon the tube stock that was available on the date of manufacture. The minimum acceptable wall tube wall thickness is two point seven millimetres (2.7 mm) in the area between the hinge and the handle (see diagram attached). In addition, if any reduction in wall thickness is evident around the restraint handles, the restraint must be replaced immediately see drawing one attached.

The typical tube wall thickness of the lower restraint vertical tube was two point nine millimetres (2.9 mm) depending upon the tube stock that was available on the date of manufacture. The minimum acceptable wall tube wall thickness is two millimetres (2.0 mm) see drawing two attached.

The typical tube wall thickness of the lower restraint horizontal tube was two point six millimetres (2.6 mm) depending upon the tube stock that was available on the date of manufacturer. The minimum acceptable wall tube wall thickness is two milimetres (2.0 mm) see drawing two attached.

We recommend that the x-raying procedure should be carried out as a "On Stream" procedure which is also shown on the enclosed drawing #3. The x-raying check can be done by any local company which has the necessary qualification. In case you will not find any company locally, please contact our service to assist you.

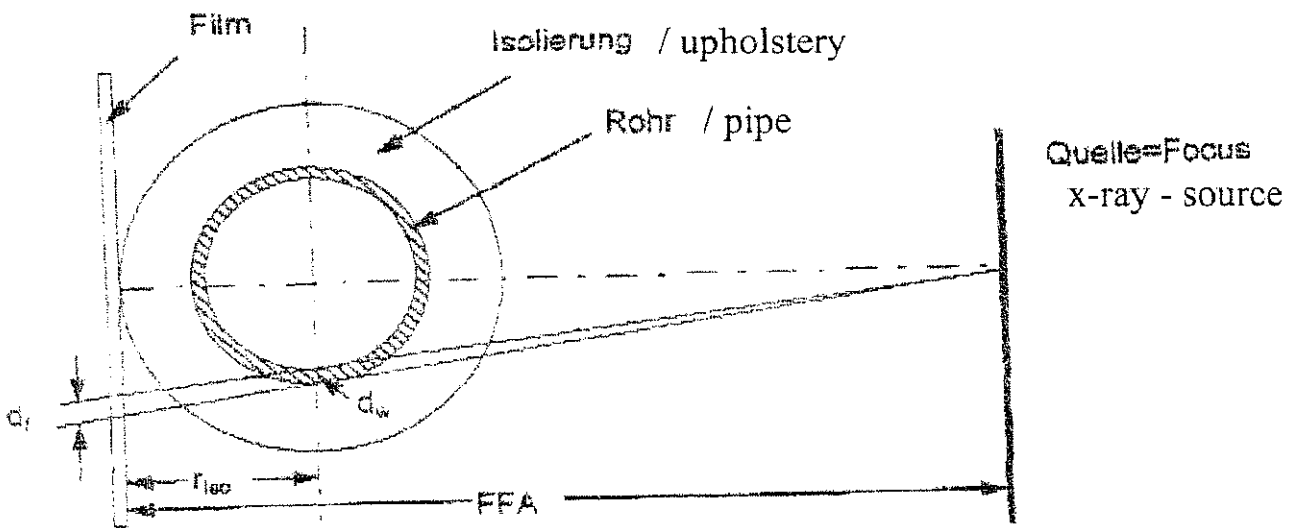
Best regards



HUSS Maschinenfabrik GmbH & Co. KG
- Department for technical services -



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$$d_w = d_f * \frac{FFA - r_{iso}}{FFA}$$



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