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Bulletin No.: SR-8.5- 07002
Release Date: May 3, 2007
Effective Date: Immediate
Completion Date: Annually
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SERVICE BULLETIN

Ride Manufacturer: Moser Rides srl
Ride Name: Spring Ride – Permanent –Ground Mount and Protable-8.5 meter tall
Affected Serial Numbers: All including New Jersey TC-00045-00 & -01 S/N ZA9SR0407USH34131

ABSTRACT: The current Maintenance Manuals for the 8.5 M Spring Ride Page 32 requires an annual NDT inspection of certain structural elements of the ride. Based on a long history of operation without any identifiable problems, allows Moser Rides to reduce the required annual inspections from Magnetic Particle and Ultrasonic testing to Visual inspection by a competent individual.

REASON FOR RELEASE: The designer of the ride, engineer Leonardo Bernadelli has reviewed the history of the Spring Rides built over the past eight (8) years. There have been no structural problems identified with the following components:

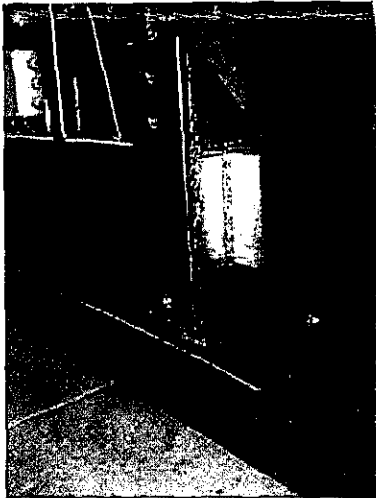
PULLEY PIN
CYLINDER PIN
SAFETY BAR PIN
SMALL BALANCE PIN
COLUMN STRUCTURAL WELDS
TROLLEY STRUCTURAL WELDS
SEAT BENCHES STRUCTURAL WELDS

Based on this long operating history and the long fatigue life of the design, engineer Bernadelli has reduced the annual NDT requirement, to visual inspection only.

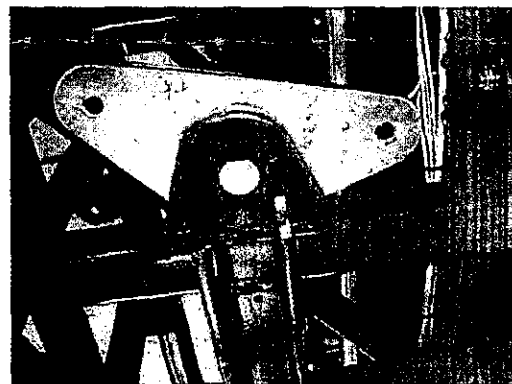
ACTION TO BE TAKEN: On an annual basis, the Owner / Operator is required to conduct a visual inspection of the following elements of the ride. In the event of any questionable areas detected during the visual inspection the Owner / Operator is to have appropriate Magnetic Particle or Ultrasonic inspection conducted to check for any possible problem.

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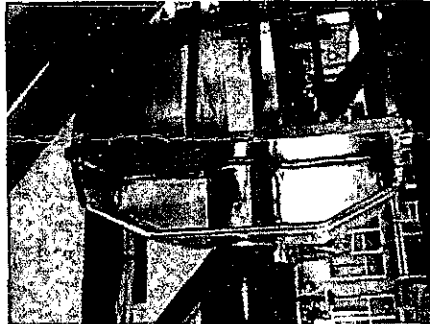
Visually inspect the structural welds for possible cracks or excessive corrosion of the: Column, trolley, seat benches and, base. Particular attention must be given to the connection of the tower structure connection to the base frame of the ride and to the bolted coupling connecting the benches to the trolley. Also check the welds at the sheave structure at the top of the tower and any other accessible structural areas



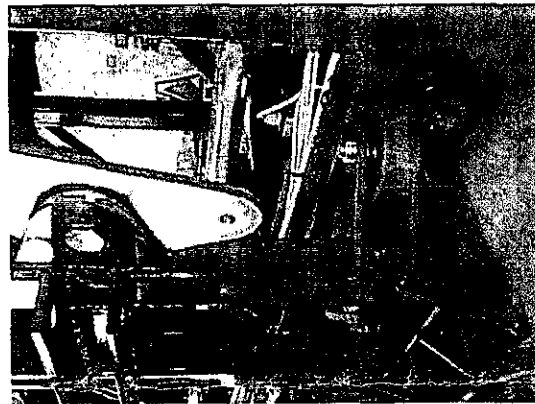
Visually check the pins and bushings of the upper sheaves for wear. Visually check the pins and bushings of the wire rope balance assembly. The wear in this area is normally related to the bushings. If the sheaves or balance arms wobble, it is necessary to replace the pin and the bushing.



Visually check the cylinder connection pin and the pulley assembly on the cylinder shaft. If it is loose or appears damaged, it must be replaced.



Visually check the guide wheel pins and bushings for wear. Wear is indicated by any wobble in the connections or uneven wear on the urethane wheel. If any of these wheels wobble, it is necessary to replace the pin and the bushing.



Visually check for any wobble in the safety restraint by pulling each side of each restraint in opposite directions. Any wobble indicates that there is wear in the restraint bushings of the restraint being checked. If there is wobbling in the restraint being checked, the restraint bushings need to be replaced.

