

446.

J4 Rides Jumping Jack

We have received a report from a UK registered inspection body relating to a Jumping Jack juvenile lift and drop pneumatic powered device, manufactured by J4 rides in the year 2000.

The device trolley was inspected as part of the annual inspection. The lower steel plate section showed signs of visible surface corrosion and was subjected to UT thickness scans which highlighted a dramatic reduction in wall thickness to the lower plate, side walls and lower box section, which secures the lifting ropes.

The gondola was removed and the trolley removed from the tower section. The accompanying pictures show the full extent of the corrosion and a couple of points to note are i) like most corrosion issues, it was difficult to access the area to inspect and ii) in this case, the disassembled position of the trolley allows water to sit in the box of the trolley fabrication.

The IB has advised that the trolley should be removed to aid inspection.

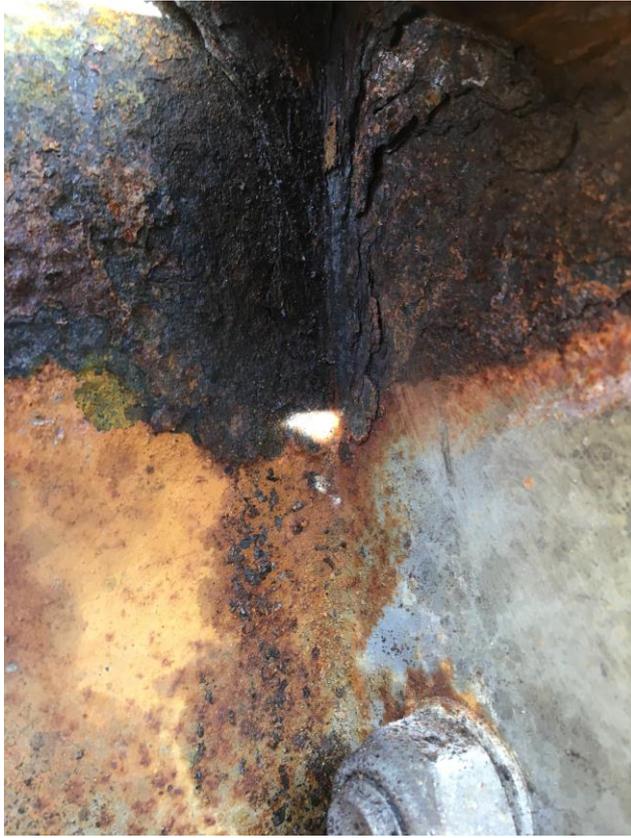
Please see accompanying photographs.



Trolley removed from device.



Corrosion to plate and box section seam.



Corrosion to lower corner sections.

Plate wall reduction from 2.5mm to 1mm average.