

# What the CMM should find, before the State Inspector

2026 Amusement Industry Presentation

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Are we setting up on a solid surface?

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manufacturers proper clearances



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Blocking



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# Blocking



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# Corrosion



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# Corrosion



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# Corrosion



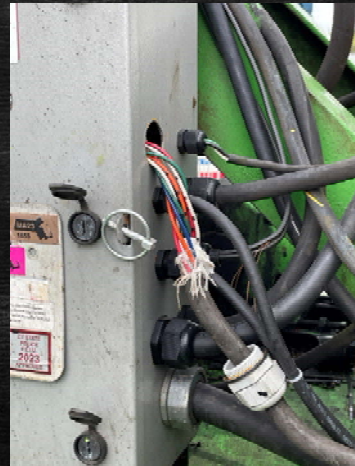
8

# Electrical



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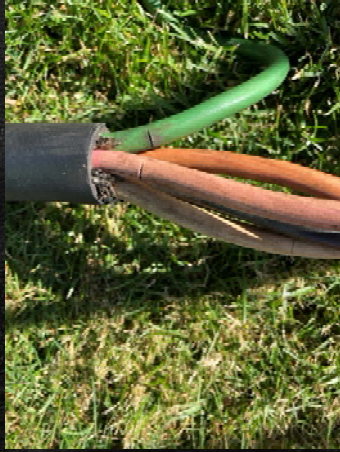
# Electrical



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# Electrical

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# Electrical

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### Wire Rope

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### Worn parts

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## Worn parts



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## Hydraulics

### 8. Hydraulic system

#### 8.2 Maintenance hydraulic system

A regular check of the hydraulic system is imperative to ensure you can work with the ride without problems for many years. It is of the utmost importance to keep a steady eye on the temperature of the oil and the oil level. When oil is to be refilled, cap (6 in figure 50) has to be loosened and oil can be refilled. **Check the oil level and the filter every day. The oil filter should be checked by using the sight glass** (7 in figure 50) When the indicator is at the green spot, the filter is OK. If the indicator is at the red spot, the filter should be changed immediately.

#### 8.3 Oil & oil temperature

The oil temperature is a critical factor for the performance of the hydraulic system. Too high a temperature could damage the hydraulic components severely. The sealing of the cylinders in fact cannot endure too high temperatures. As a rule of thumb goes that the oil is too hot if you can't hold your hand longer than 3 to 4 seconds on the tank.

The maximum temperature lies between 60 – 71° C (140 – 160° F). The oil temperature can be read at the hydraulic tank.

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# Hydraulics

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# Lubrication

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# Ride Structure



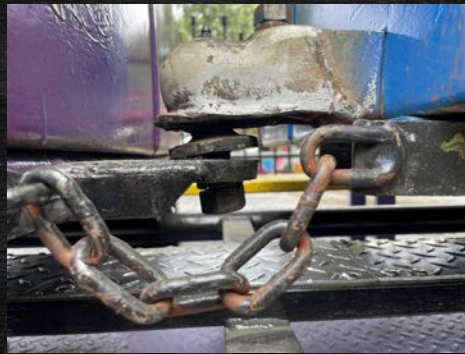
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# Ride Structure



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## Structure



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Did we repair any cracks?  
If so is documented?  
Was a procedure provided by the  
manufacturer?

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