# Inspection & Maintenance of Pneumatic Switches and Derails Signals Training Consortium

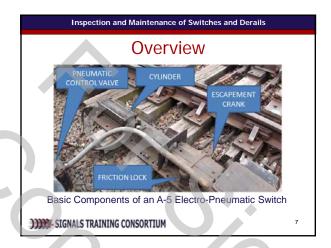
# Riders Depend on Us What do you recall about electro-pneumatic switches?

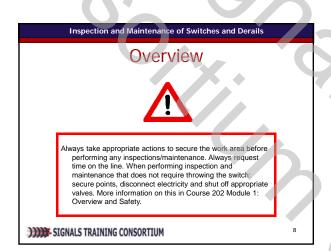
## Inspection and Maintenance of Switches and Derails

# **Outline**

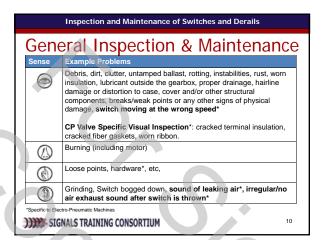
- Inspect and maintain electro-pneumatic switches and derails
- Inspect and maintain air source/valves
- Inspect and maintain pneumatic switch (and valve magnets)
- Demonstrate Ability to perform a test on the switch restoring circuit, on an electropneumatic switch
- Demonstrate Ability to perform minute man test

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## Inspection and Maintenance of Switches and Derails

# **General Inspection & Maintenance**

# **CP Valve Specific Hardware**

- · Armature nut must be tight
- Pin valve lug & cylinder plug - must be air tight
- Magnet stem cap secure
- · Magnet stem cover plate correct position & secure
- · Walking beam cover secure
- · All electrical connections secure



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# Inspection and Maintenance of Switches and Derails

# General Inspection & Maintenance

### Air Hoses/Lines

- Look for deterioration or damage
- · Ensure clamps are in place & secure
- · Listen for leaking



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