Nothing to be done in high winds

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

  If this alarm follows other alarms indicating high winds or a high speed shutdown, then no service visit is required. Continue to monitor the turbine and verify the shaft brake isn’t slipping.

Replace the brake pad

Does this solve the problem?

1] Yes

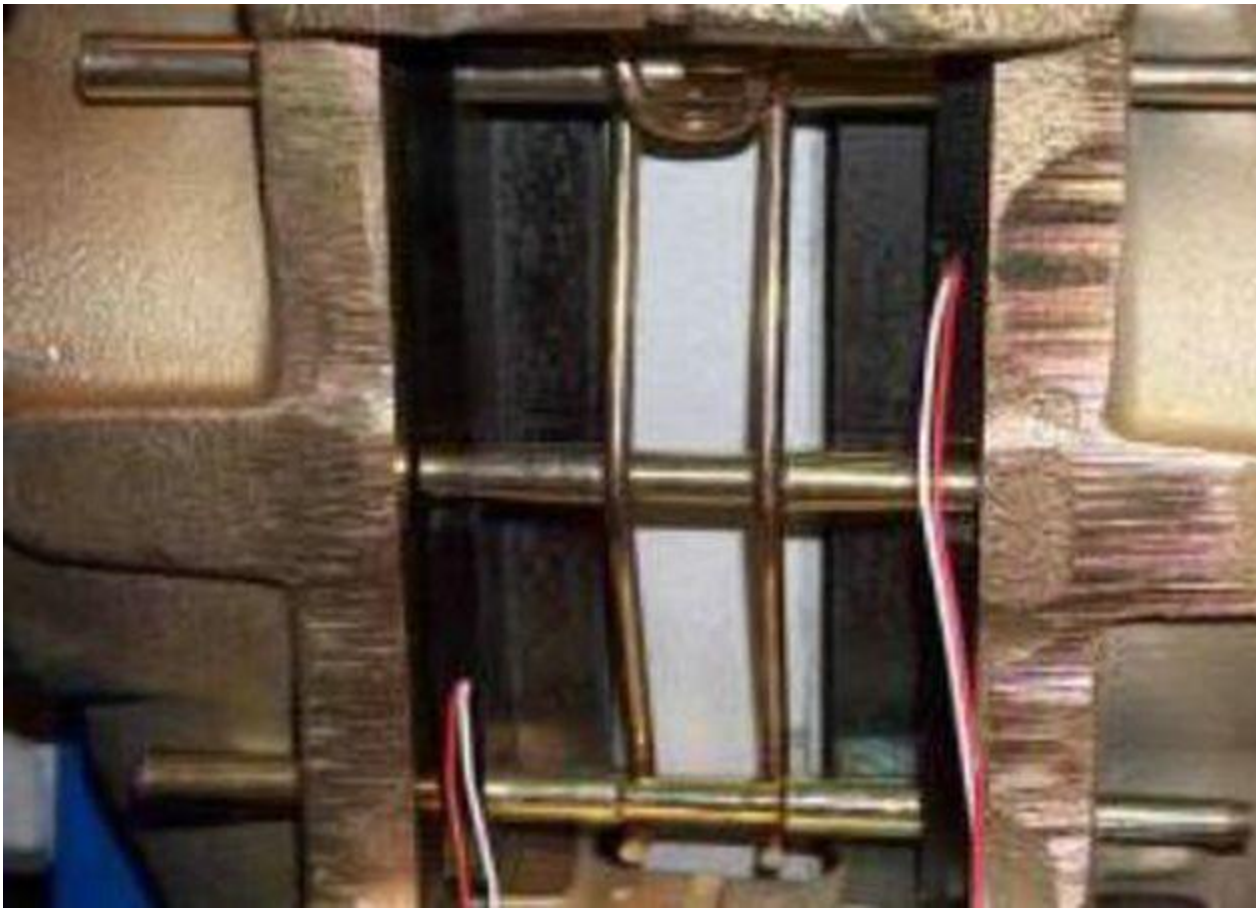
2] No

3] I don't know

- **Explanation**

  Check the condition of the brake pads. If they have worn down too much, the thermistor may be starting to wear on the disc surface.

  Generally, the pad should be thicker than two millimetres but as always, refer to I&S data for current min/max specifications.



Investigate the root cause of the pad wearing prematurely before returning the turbine to operation.

Parker HSS Brake TCD Doc. No: 5003029

Service manual Brake Disc Doc. No: 1001363

Installation and Service Data Doc. No: 5003033

PWI for mounting Brembo Brake Doc. No: 1001583

AN1 wiring diagram Doc. No: 0003-2029

AN12 wiring diagram Doc. No: 6015816

Check the AN1: F32

Does this solve the problem?

1] Yes

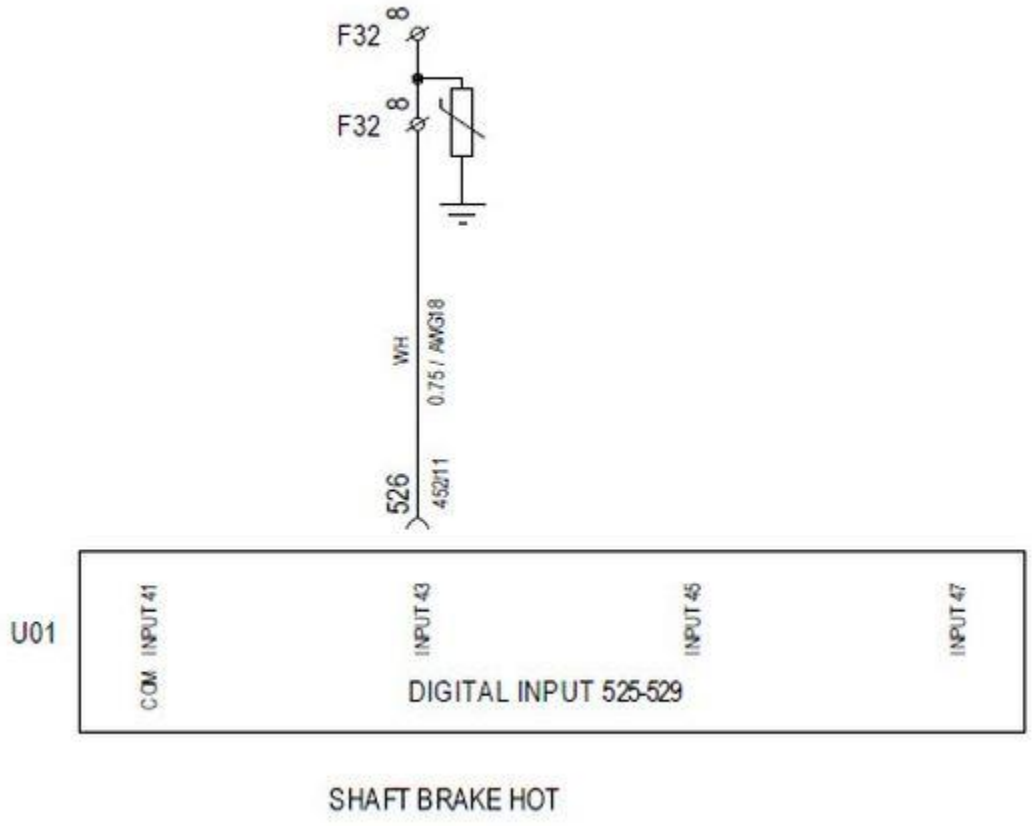
2] No

3] I don't know

- **Explanation**

First check the F32 terminal one for the sensor supply voltage. It should measure 24 VDC. If the supply voltage is missing, trace back to the G05 and G06 to find where it cuts out. Re-establish supply voltage before troubleshooting further.

Check the F32 varistor for a short to ground on terminal 8. Replace the varistor if it has continuity to ground.



AN1 wiring diagram Doc. No: 0003-2029

AN12 wiring diagram Doc. No: 6015816

Check the thermistor circuit

Does this solve the problem?

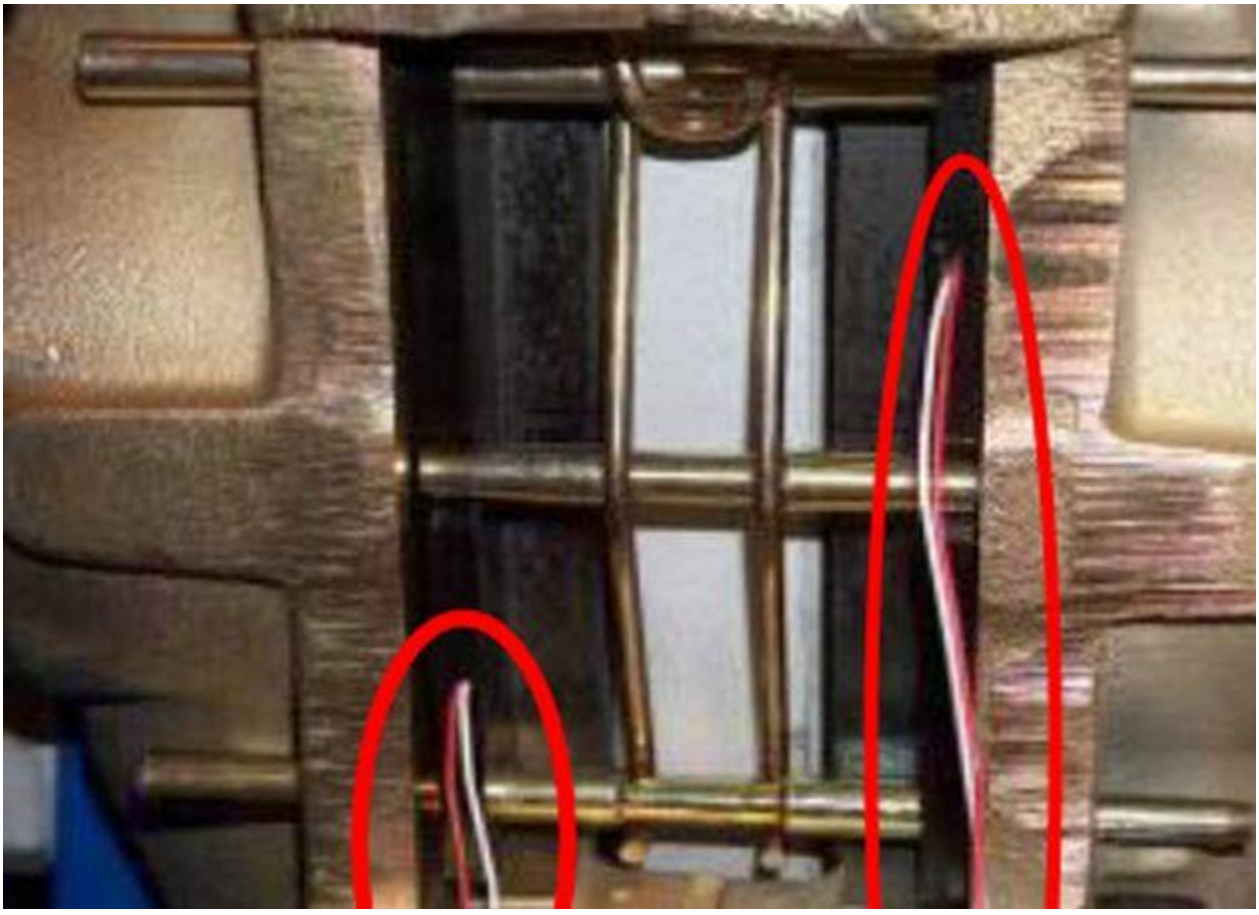
1] Yes

2] No

3] I don't know

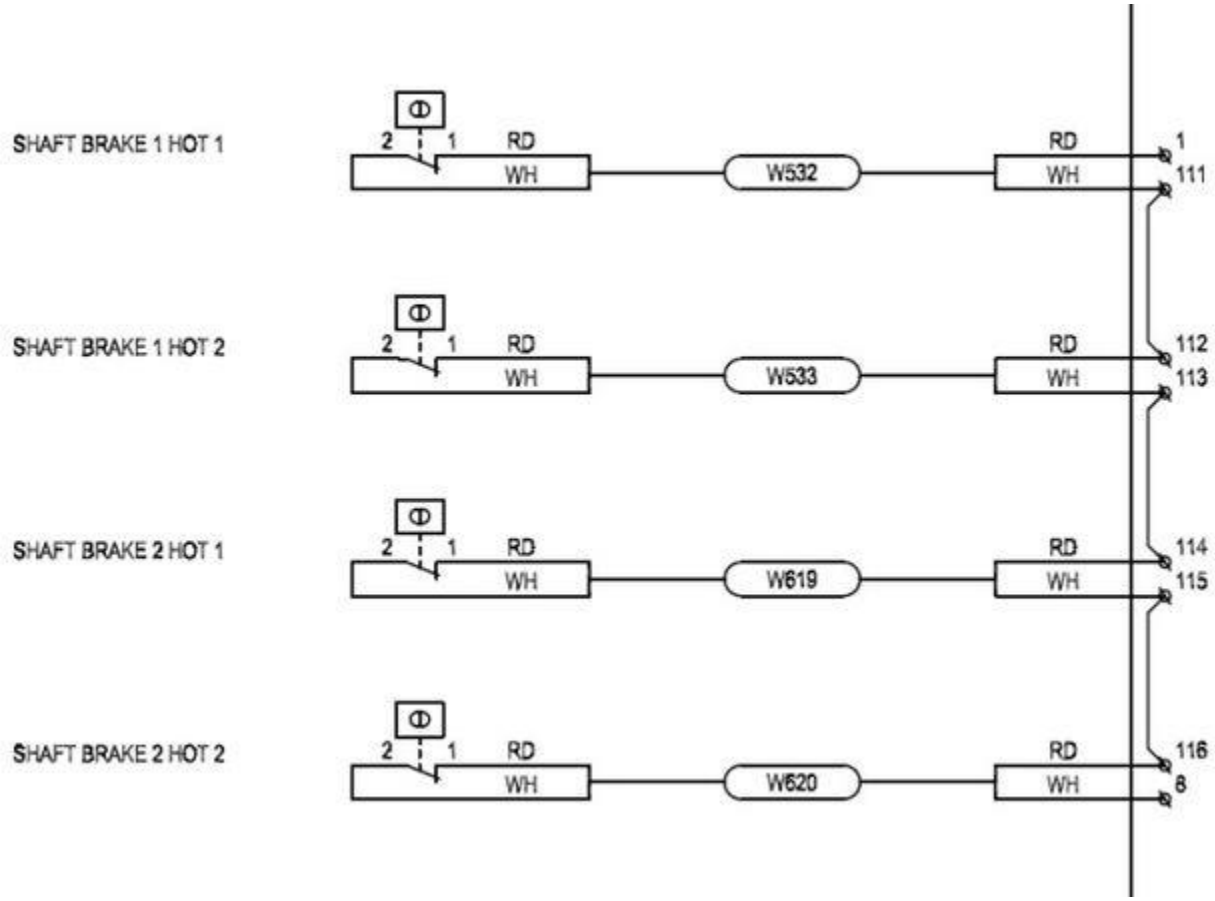
- **Explanation**

The thermistors are imbedded in the brake pads. If the pads are worn below two millimetres, then they should just be replaced.



Check each pad thermistor circuit for open individually. The thermistors are connected in series so you will need to

disconnect them or remove the jumpers in the AN12.



BRAKE PADS, SBS C-023 Part No: 60100201

AN1 wiring diagram Doc. No: 0003-2029

AN12 wiring diagram Doc. No: 6015816

Check the brake disc, replace if damaged

Does this solve the problem?

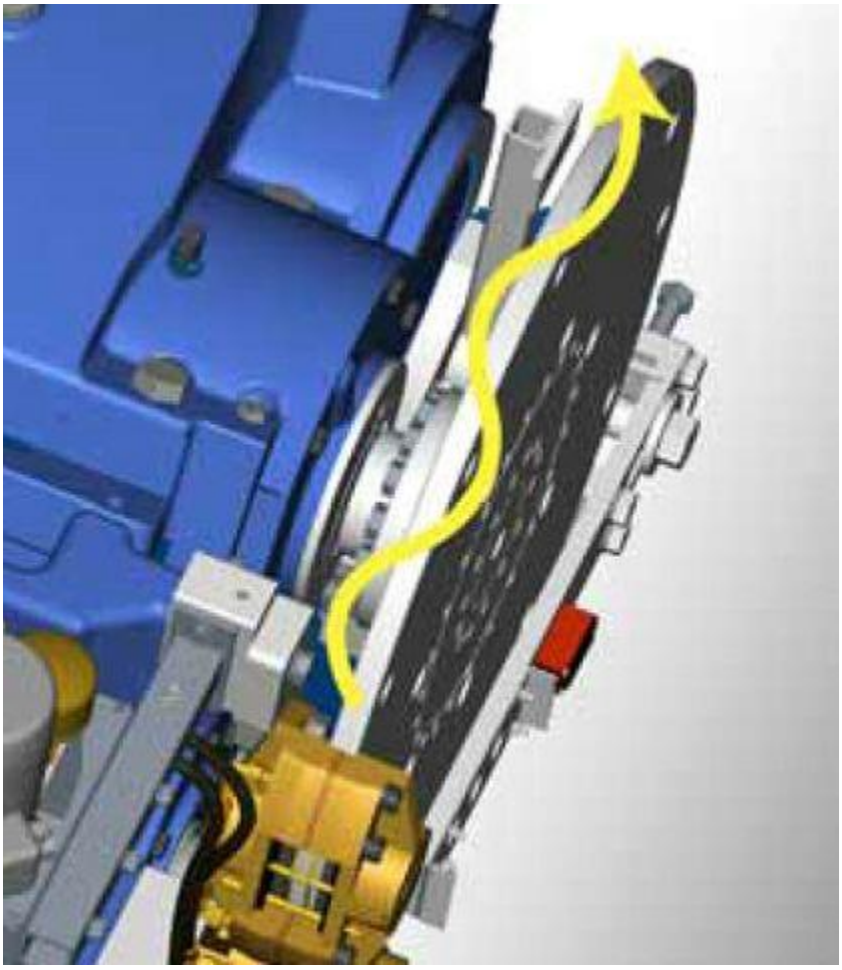
1] Yes

2] No

3] I don't know

- **Explanation**

Check the brake disc surface. Check the run out with a dial indicator as described in the Service Manual. If the brake disc is brushing the bake pad as it rotates, it can cause unintended wear and overheating on the brake pad.



Service manual Brake Disc Doc. No: 1001363

WKI Brake Disc replacement Doc. No:0011-5908

Installation and Service Data Doc. No: 5003033