



# MAINTENANCE LOG

## Traction & Hydraulic Maintenance Requirements

Month/Year: \_\_\_\_\_ Job Name: \_\_\_\_\_ Job Location: \_\_\_\_\_ Unit #: \_\_\_\_\_

HydraSafe® Brake recommends monthly maintenance but is not required and should be based on contractual visits or AHJ guidelines along with ASME code compliancy. HydraSafe® Brake recommends these maintenance procedures take place on your next scheduled visit in order to achieve optimum performance from our product lines.

Minimum Monthly Maintenance (Recommended but not required)	Twelve Times / Year											
Brake Unit	J	F	M	A	M	J	J	A	S	O	N	D
Check for any type of damage, oil around seals, or loose parts. A17.1.8.6.5.5												
Monitor brake pad clearance from guide rail and brake pad surface. A17.1.8.6.4.6.1(a)(b)												
Clean brake components to remove dirt, dust, and debris. A17.1.8.6.4.5.1												
Verify proper operation of the two retracting springs on each side of each brake pad. Replace both springs if they do not operate correctly. A17.1.8.6.4.6.1(d)												
Verify proper operation of both safety micro switches (one per pad) as per code requirements. Replace any faulty switches. A17.1.8.6.4.19.11 (a)												
Check for oil leakage around the piston or back plate on each caliper side. Light oil residue around the wiper seal on each piston is normal. Replace seals if any other leakage occurs. A17.1.8.6.5.5.1												
Check for oil leakage around pressure fittings and bleeder valve. A17.1.8.6.5.9												
Power Unit	J	F	M	A	M	J	J	A	S	O	N	D
Wipe down the unit to remove any oil residue. A17.1.8.6.5.1.1												
Check the power unit for leakage around the unit itself and its associated fittings. Replace any fittings as required. A17.1.8.6.5.5.1												
Verify proper operation of accumulator unit. HydraSafe Brake recommends replacement every 3 to 5 years for optimal longevity. A17.1.8.6.4.19.11 (a)												
Check all wiring for corrosion, loose connections, or any type of individual job hazards. If any malfunctions are detected a new wiring harness shall be installed. A17.1.8.6.4.20.10												
Inspect UL approved electrical box/housing for any deterioration and if any is detected replace as required. NFPA 70-NEC 620												
Verify all relays are operating to manufacture specifications. NFPA 70-NEC 620												
Minimum Semi-Annual Maintenance	Two Times / Year											
Brake Unit	J	F	M	A	M	J	J	A	S	O	N	D
Check all bolt connections on the caliper body to the car structure and verify they are within manufactures specifications. A17.1.2.8.6												
Inspect the caliper assemblies for any oil leaks around the pistons and end caps. If leakage occurs, replace the seals. A17.1.8.6.5.5.1												
Inspect the brake pads for any type of wear. A17.1.8.6.4.6.1(a)(b)												
Power Unit	J	F	M	A	M	J	J	A	S	O	N	D
Check all electrical connections. NFPA 70-NEC 620												
Check oil levels. A17.1.8.6.5.5.1												
Check fitting connections. A17.1.8.6.5.5.1												
Minimum Annual Maintenance	One Time / Year											
Test for proper operation as per A17.1 8.6.4.19.11 for Code compliancy.												
Verify equal setting for each brake pad on each side of guide rail to ensure proper settings and clearances. A17.1.8.6.4.6.1(a)(b)												

**The Only Choice When an Unintended/Ascending Movement Device is Required**