



Non-Recordable Oil Return Pump

“Scavenger Pump”

Effective – July 27, 2026.

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Discussion:

MEMBER JURISDICTIONS
City of Glenwood Springs

ROUTT COUNTY
City of Steamboat Springs
Town of Hayden

EAGLE COUNTY
Avon
Basalt
Eagle
Gypsum
Minturn
Red Cliff
Vail

GRAND COUNTY
Fraser
Granby
Grand Lake
Hot Sulphur Springs
Kremmling
Winter Park

JACKSON COUNTY
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SUMMIT COUNTY
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Blue River
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Keystone
Montezuma
Silverthorne
Keystone

The State of Colorado has adopted ASME A17.1. Section 8.6 “Maintenance and Testing” of hydraulic elevators applies to all elevators regardless of time of installation.

Section 8.6.5.5.1 Examination and Maintenance. Where pressure piping, valves and cylinders use packing glands or seals, they shall be examined and maintained to prevent excessive loss of fluid. When a cylinder packing or seal or a pressure-piping seal is replaced the integrity of the entire hydraulic system shall be verified by operating it at a relief-valve pressure for not less than 15 s.

Section 8.6.5.5.2 Collection of Oil Leakage. Oil leakage collected from each cylinder head seal or packing gland shall not exceed 19 L (5 gal) before removal. The container shall be covered and shall not be permitted to overflow.

The use of an oil return pump or “scavenger pump” that **does not** record the amount of oil returned to the hydraulic tank **does not** meet the requirements listed in section 8.6.5.5.1 and specifically 8.6.5.5.2.

Policy:

Therefore, effective immediately, the installation of “scavenger pumps” that do not record the amount of oil being returned to the hydraulic tank are prohibited to be installed within any Jurisdiction under the Northwest Colorado Council of Governments (NWCCOG), Elevator Inspection Program (EIP).

Upon the required annual inspection, any existing conveyance found to have a “scavenger pump” installed that does not record the amount of oil being returned to the hydraulic tank shall be removed. The EIP will issue a 60-day Temporary Certificate of Operation (T.C.O.) to either install a recordable “scavenger pump” or have it removed.

If a recordable “scavenger pump” is provided, it shall be provided for each cylinder installed to meet the requirements of ASME A17.1 section 8.6.5.5.1.

David Harris – Director

David Harris

Elevator Inspection Program