

14 24 00 – Hydraulic Elevators

1. General

- A. A 1/4 inch hose fitting shall be provided in the oil line at the power unit. The fitting shall be designed to receive a quick-disconnect type body, allowing pressure readings to be taken using the proper gauge.
- A. At least two sound-isolating couplings shall be installed in the oil line in the machine room between the pump and the jack. The isolators also shall provide electrical isolation.
- B. Service gate valves in the supply line shall be provided in the pit near the cylinder and in the machine room at the pumping unit.
- C. Oil shall be biodegradable.
- D. Care shall be taken in the installation of hydraulic elevators to prevent damage to the hydraulic piston. Scratches, gouges, dents and other forms of damage may not be removed by hand, mechanical honing or any other similar manner. Damaged pistons shall be replaced.