

STANDARD INFORMATION

Standard: UL 79

Standard ID: Power-Operated Pumps for Petroleum Dispensing Products [UL 79:2016 Ed.10+R:14Jan2020]

Previous Standard ID: Power-Operated Pumps for Petroleum Dispensing Products [UL 79:2016 Ed.10]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **February 1, 2022**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard.

Overview of Changes:

- Revision to pipe thread requirements
- Hose nozzle requirement updates
- Pipe joint sealing revision

Specific details of new/revise requirements are found in table below.

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
18	Info	Hose Nozzle Valve, Hose, and Coupling
18.1		<p>A pump assembly for use with interchangeable service station type hose nozzle valves is not prohibited from being furnished without a hose nozzle valve when the assembly is marked as specified in 74.4(a). A pump assembly not for use with interchangeable service station type hose nozzle valves is not prohibited from being furnished without a hose nozzle valve when the assembly is marked as specified in 74.4(b).</p> <p><u>If a hose nozzle valve is provided, the hose nozzle valve shall be in accordance with the Standard for Hose Nozzle Valves, UL 2586.</u></p>
18.1A		<p><i>New clause added;</i></p> <p>When the pump manufacturer specifies a hose nozzle valve and/or hose assembly intended for the pump, the function of the locking mechanism and control application, Section 37 and 38 respectively, is to be verified on a representative sample of the pump with that hose nozzle valve and/or hose assembly intended for the pump. Alternate combinations of nozzles and hoses shall be verified by the end user and when instructions as shown in 72.4 are included. Alternately, the marking shown in 74.4 can be used to cover the combinations when each combination is verified by the testing agency.</p> <p>Note – It is permissible to use a combination of the instructions and marking to cover the combinations of hose nozzle valves and/or valve and hose combinations.</p> <p>Note – The hose may not form part of the control application or locking mechanism and in such cases shall not need to be described in the instructions or marking.</p>
42	Info	Deformation Test
42.2		<p>The sample pump used in this test is to be rigidly anchored or otherwise supported. <u>The male threads shall have pipe joint sealing compound or polytetrafluoroethylene (PTFE) tape applied to them first or be coated as specified by the manufacturer.</u> A section of Schedule 80 pipe is of sufficient length for wrench engagement is to be connected to a female pipe-threaded section of the pump. Each pipe then is to be tightened to the torque specified in Table 42.1.</p>



CLAUSE	VERDICT	COMMENT
	Info	INSTRUCTIONS
72	info	General <i>New clause added;</i> When the pump manufacturer specifies a hose nozzle valve and/or hose assembly intended for the pump, the installation instructions shall include statements explaining that, after the hose nozzle valve and hose are installed on the pump, the installer is to verify that the hose nozzle valve fits correctly into the pump's hose nozzle boot. The instructions shall also state that, if the hose nozzle valve does not fit correctly, then the hose nozzle should be removed and cannot be used with that pump. The following text, or the equivalent, applicable to the verification of the hose nozzle valve fitting correctly in the hose nozzle boot, shall be included in the instructions. "a) Insert the hose nozzle valve over nozzle hook and into the boot. The nozzle shall not slip out of the boot and the pump shall not operate. b) The pump shall only operate when the hose nozzle valve is removed from the hose nozzle boot. c) The pump shall stop when the hose nozzle valve is returned into the hose nozzle boot. The hose nozzle valve shall be able to be padlocked to the hanger or hose nozzle boot to prevent tampering and starting the motor so that no fluid can be discharged."
	Info	MARKING
74	Info	General Each pump shall be <u>permanently</u> marked with the following: a) The manufacturer's name, trade name, trademark or other descriptive markings by which the organization responsible for the product is capable of being identified. b) A distinctive catalog number or the equivalent to specifically identify the pump. c) For electrically powered pumps, the electrical rating, as normally appearing on each motor for Class I, Group D hazardous locations, on the nameplate of submersible-type pumps. d) For pneumatic powered pumps, the maximum air pressure. e) For pumps for use with or in petroleum product dispensing systems and vapor recovery pumps, the maximum outlet pressure. f) For pumps additionally evaluated for use with liquids other than those indicated in 1.5, the specific name of the additional liquids. Exception: As an alternative, specific names of additional fluids may be included in the manufacturer's installation instructions.



CLAUSE	VERDICT	COMMENT
		<p>g) For hydraulic powered pumps, the maximum inlet pressure.</p> <p>h) The date or other dating period of manufacturer not exceeding any three consecutive months and not repeating in less than 20 years.</p> <p>Exception: The date of manufacturer is not prohibited from being abbreviated or appearing in an established or otherwise acceptable code.</p> <p>i) For pumps without motors, the direction of rotation and maximum revolutions per minute (rpm) that the pump can be operated.</p> <p>j) Pumps constructed using pipe thread in accordance with the Exception to 17.1 shall be provided with a tag, label, or similar marking on the product or smallest unit package, identifying the pipe thread type for the installer.</p> <p>Exception: <u>The marking required by 74.1(j) is not required to be permanent.</u></p>
74.4		<p>When a pump assembly has provision for storing a hose nozzle valve, it shall be marked with the following information:</p> <p>a) The statement "For Use Only With _____ Interchangeable Service Station Type Hose Nozzle Valve," when the device is determined to be qualified. The blank is to be filled with the name or symbol of the organization, and type of certification.</p> <p>b) The manufacturer's name or identifying symbol and distinctive catalog number of any noninterchangeable hose nozzle valve that is required to be installed in conjunction with the dispensing device. Permanent marking indicating the proper adjustment to hose nozzle valve hang up mechanisms for different length nozzle valves shall be provided, when applicable.</p> <p><u>When the pump manufacturer specifies a hose nozzle, it shall be marked with the statement "For Use Only With Automatic Service Station Type Hose Nozzle Valve ". Permanent marking indicating the proper adjustment to hose-nozzle valve hang up mechanisms for different length nozzle valves shall be provided, when applicable.</u></p>