

## STANDARD INFORMATION

**Standard:** UL 87

**Standard ID:** Standard For Power-Operated Dispensing Devices For Petroleum Products [UL 87:2016 Ed.12+R:04Sep2019]

**Previous Standard ID:** Standard For Power-Operated Dispensing Devices For Petroleum Products [UL 87:2016 Ed.12]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **September 4, 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:

- Revisions to hose nozzle requirements
- Harmonizing text with UL 87A and UL 87B requirements for Marking and Instructions

Specific details of new/revised 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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 <del>lined-out</del> below.</i>  |
| 16     | Info    | <b>Valves</b><br><i>New clause added;</i>  |
| 16.3   |         | A hose nozzle valve shall comply with the applicable requirements in the Standard for Hose Nozzle Valves, UL 2586.   |
| 19     | Info    | <b>Control Application</b><br><i>New clause added;</i>   |
| 19.3   |         | When the dispenser manufacturer specifies a hose nozzle valve and/or hose assembly intended for the dispenser the function of the control application and locking mechanism, Section 25, is to be verified on a representative sample of the dispenser with that hose nozzle valve and/or hose assembly intended for the dispenser. Alternate combinations of nozzles and hoses shall be verified by the end user and when instructions as shown in 43.4 are included. Alternately, the marking shown in 42.1.1(d) can be used to cover the combinations when each combination is verified by the testing agency.<br><br>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.<br><i>New clause added;</i> |
| 19.4   |         | 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.  |
|        | Info    | <b>MARKING</b>   |
| 42     | Info    | <b>General</b>   |
| 42.1   | Info    | <b>Details</b>   |
|        |         | A dispensing device shall be marked with the following information:  |
| 42.1.1 |         | <u>d) When the dispenser manufacturer specifies a hose nozzle, 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><br><br><u>i) The statement “Instructions Available At _____” where the internet link to instructions is identified for compliance with 43.2(c)(ii).</u>  |



| CLAUSE | VERDICT | COMMENT   |
|--------|---------|---|
|        | Info    | <b>INSTALLATION INSTRUCTIONS</b>  |
| 43     | Info    | <b>General</b>  |
| 43.1   |         | <u>A product shall be provided with legible installation, operation, and maintenance instructions; and instructions pertaining to a risk of fire, electric shock, or injury to persons associated with the use of the product.</u>  |
|        |         | <u>The instructions mentioned in 43.1 shall be:</u>   |
| 43.2   |         | <u>a) In separate manuals or<br/>b) Combined in one or more manuals when the instructions pertaining to a risk of fire, electric shock, or injury to persons are separated in format and emphasized to distinguish them from the rest of the text; and<br/>c) Available in the following formats:<br/>    i) Hard/printed copy or<br/>    ii) Electronic files accessible via the manufacturer’s website only (full public access with no user restrictions) if the internet link is identified in 42.1.1(i).</u> |
| 43.3   |         | <u>An illustration is allowed with a required instruction to clarify the intent, but it shall not replace the written instruction.</u>  |
|        |         | <b><i>New clause added;</i></b>   |
|        |         | The following items shall be entirely in upper case letters or shall be emphasized to distinguish them from the rest of the text:   |
| 43.4   |         | a) The headings for the installation, operation, and maintenance instructions;<br>b) The heading for the instructions pertaining to a risk of fire, electric shock, or injury to persons; and<br>c) The opening and closing statements of the instructions specified in 44.3 – “IMPORTANT SAFETY INSTRUCTIONS” and “SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION”, or the equivalent.   |
|        |         | <b><i>New clause added;</i></b>   |
| 43.5   |         | Unless otherwise indicated, the text of the instructions in 43.3 and 43.4 shall be in the words specified or words that are equivalent, clear, and understandable. Substitution of the signal word “DANGER” for “WARNING” is allowed when the risk associated with the product is such that a situation exists which, if not avoided, will result in death or serious injury.   |
|        |         | Exception: For other than the signal words “DANGER” and “WARNING,” if a specific conflict exists in the application of such wording to a product, modified wording may be used.   |
|        |         | <b><i>New section added;</i></b>  |
| 44     |         | <b>Instructions Pertaining to Risk of Fire, Electric Shock, or Injury to Persons</b>  |
|        |         | See standard for details.   |



| CLAUSE | VERDICT | COMMENT   |
|--------|---------|---|
|        |         | <i>New section added;</i>                                     |
| 45     |         | <b>Installation Instructions</b><br>See standard for details. |
|        |         | <i>New section added;</i>                                     |
| 46     |         | <b>Operating Instructions</b><br>See standard for details.    |
|        |         | <i>New section added;</i>                                     |
| 47     |         | <b>Maintenance Instructions</b><br>See standard for details.  |