

STANDARD INFORMATION

Standard: UL 1450

Standard ID: Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment [UL 1450:2010 Ed.4+R:27May2021]

Previous Standard ID: Motor-operated Air Compressors, Vacuum Pumps, and Painting Equipment [UL 1450:2010 Ed.4+R:04Sep2019]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **May 27, 2023**

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. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- Revision of Cord Tag Requirements
- Update of Standard Reference for Ultraviolet Light Test

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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> |
| 56 | Info | Permanence of Marking Tests |
| | | In addition to complying with the requirement in 56.1 and, after being tested as described in 56.6, a tag used for a cautionary marking in accordance with 65.5 is considered to be permanently affixed to a power-supply cord or hose if there is no: a) Tearing at any point for more than 1/16 in (1.6 mm), b) Movement of the tag more than 1/2 in (12.7 mm) along the length of the power-supply cord or hose, Exception: A tag applied to a hose may move more than 1/2 in provided a fitting on each end of the hose prevents the tag from sliding off. c) Shrinkage, wrinkling, cracking, or other deformation that renders the marking illegible, or d) Visible curling or loosening around the edges of a tag with an adhesive back. <u>Exception: A tag used for a cautionary marking complying with the applicable requirements in the Standard for Marking and Labeling Systems – Flag Labels, Flag Tags, Wrap-Around Labels and Related Products, ANSI/CAN/UL 969A, is not required to comply with this requirement. With respect to a tag applied to a hose, the exception in (b) above is also applicable.</u> |
| Supplement SA | Info | HIGH-PRESSURE PAINT SPRAYING PRODUCTS |
| SA10 | Info | Hose Tests |
| SA10.9 | Info | Ultraviolet-light test |
| SA10.9.1 | | A hose employed on a unit not marked in accordance with 65.13, or a hose evaluated separately that is not marked in accordance with SA12.3 shall be subjected to the test specified in the Standard for Rubber and Plastics Hoses – Methods of exposure to laboratory light sources – Determination of changes in colour, appearance and other physical properties, ISO 8580 <u>30013</u> . As a result of the test, the covers of the hose specimens shall not show signs of crazing or cracking. |
| SA10.9.2 | | Two 8-in (203-mm) lengths of hose are to be subjected to the test described in ISO 8580 <u>30013</u> . |