



UL 771

STANDARD FOR SAFETY

Night Depositories

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UL Standard for Safety for Night Depositories, UL 771

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Summary of Topics

This revision of ANSI/UL 771 dated November 17, 2020 is being issued to update the title page to reflect the most recent designation as a Reaffirmed American National Standard (ANS). No technical changes have been made.

Text that has been changed in any manner or impacted by UL's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated August 14, 2020.

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The most recent designation of ANSI/UL 771 as a Reaffirmed American National Standard (ANS) occurred on November 3, 2020. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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INTRODUCTION

1 Scope

1.1 These requirements cover the construction and security of night depository entrances. The units are intended to permit the deposit of cash, checks, and similar items, from outside a building into a chute connected to a depository within the building.

1.2 A night depository is intended primarily for protection against theft of deposits by:

- a) Fishing the deposits from the depository;
- b) Trapping the deposits by preventing them from entering the depository, and then extracting the deposits; and
- c) Entering the night depository by force with the aid of common burglary tools.

1.3 The term "product" as used in this standard refers to all night depositories or any part thereof covered by this standard unless specifically noted otherwise.

2 General

2.1 Components

2.1.1 Except as indicated in [2.1.2](#), a component of a product covered by this standard shall comply with the requirements for that component. See Appendix A for a list of standards covering components used in the products covered by this standard.

2.1.2 A component is not required to comply with a specific requirement that:

- a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or
- b) Is superseded by a requirement in this standard.

2.1.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.1.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

2.2 Units of measurement

2.2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

2.3 Undated references

2.3.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

3 Glossary

3.1 For the purpose of this standard the following definitions apply.

3.2 CIRCUITS, ELECTRICAL:

a) HIGH-VOLTAGE – A circuit involving a potential of not more than 600 volts and having circuit characteristics in excess of those of a low-voltage circuit.

b) LOW-VOLTAGE (POWER LIMITED) – A circuit involving a potential of not more than 30 volts alternating current (AC), rms, 42.4 volts direct current (DC) or AC peak, and providing not more than 100 volt-amperes (VA) rated output. The 100 VA limit shall be provided by the design of the transformer, a fixed impedance, a noninterchangeable fuse, nonadjustable manual reset circuit protective device, or a regulating network.

3.3 FISHING – The introduction into the night depository chute of any form of lines, wires, or similar devices, to which one or more hooks or other devices may be attached that may be manipulated so as to hook a deposit bag or deposit envelope, and then remove the bag or envelope through the chute and into the outside opening.

3.4 FORCING – The use of pry bars, screwdrivers, wrenches, and similar tools, to enlarge an opening, or to create an opening by breaking out or distorting a part, to gain access to the deposit bags or envelopes.

3.5 LINE-VOLTAGE – The voltage at any field-connected source of supply nominally 50 – 60 hertz (Hz); 115, 208, or 230 volts.

3.6 SECONDARY DEFENSE DEVICE – An optional device that is activated when the depository head is:

a) Removed by forcible methods from the building structure in which it is installed or from its enclosure or

b) Infiltrated by forcible methods.

When activated, the secondary defense device closes off the chute connecting the depository head to the receiving chest, or other receptacle (such as a safe), preventing access to the deposits.

3.7 TRAPPING – The use of a device or materials that may be introduced into a night depository in such a manner as to avoid casual detection (as by a depositor) and that prevents the deposit bag or deposit envelope from entering the chute, so that it is capable of being withdrawn with the deposit from the entrance after the depositor has left.

4 Instructions and Drawings

4.1 Each unit shall be provided with installation instructions and drawings that shall include the following information:

a) Typical installation drawing layouts and complete representative installation wiring diagram for the product(s) indicating recommended locations and wiring methods that shall be in accordance with the National Electrical Code, ANSI/NFPA 70.

b) A concise description of the operation, testing, and proper maintenance procedures for the product(s).

c) Replacement parts, such as lamps or batteries, shall be identified in the instructions by a part number, manufacturer's model number, or the equivalent.

4.2 The instructions shall be incorporated on the inside of the product, on a separate sheet, or as part of a manual. When not included directly on the product, the instructions or manual shall be referenced in the marking information on the product. See [61.1](#).

CONSTRUCTION

ASSEMBLY

5 General

5.1 All parts of the night depository entrance shall be constructed and assembled so that any unit or part is capable of being repaired or replaced as intended by authorized and instructed service personnel.

5.2 A night depository incorporating electrical features shall be constructed to be installed in accordance with the applicable provisions of the National Electrical Code, ANSI/NFPA 70.

5.3 The night depository entrance shall be designed or shielded to reduce the accumulation of dust, snow, ice, or rain within the night depository, that could interfere with its intended operation during severe weather conditions.

5.4 Deposit bags or envelopes furnished with the night depository shall not be of such size and shape that, when filled, could become wedged in the deposit passageways.

5.5 A night depository intended for bag deposits shall be equipped with a locked entrance.

5.6 A secondary defense device in its normal inactivated position shall not restrict the normal passage of deposits through the depository head and chute into the receiving chest or other receptacle. See Tests of Secondary Defense Device, Section [36](#).

5.7 When a night depository is provided with a secondary defense device, the removal, by forcible methods, of the depository head from the building structure in which it is installed or from its enclosure, or the infiltration of the depository head by forcible methods, shall activate the secondary defense device to close off the resulting access to the receiving chest or other receptacle in a manner that prevents removal of the deposits. See Tests of Secondary Defense Device, Section [36](#).

6 Protection of Service Personnel

6.1 Uninsulated parts that result in a risk of electric shock or operate at high-voltage and that are made accessible by opening or removing a cover, door, panel, or other closure on or within the product (see [7.4.1](#)) shall be provided with guards over the parts to reduce the risk of service personnel unintentionally touching them during servicing of the product. See also [6.2](#), [6.3](#), and [7.2.1 – 7.4.4](#).

6.2 A guard shall be provided for a part that must be in motion during servicing operations, and that presents a pinching, snagging, cutting, or other risk of unintentional contact with moving parts that may cause injury to persons when made accessible by opening or removing a cover, door, panel, or other closure of the product to provide access to the interior of the product. See also [6.3](#) and [7.2.1 – 7.4.4](#).

6.3 If the guard mentioned in [6.1](#), [6.2](#), and [7.4.1](#) must be removed during servicing of the parts specified in [6.1](#) and [6.2](#), the guard shall be constructed and arranged so that it is removable and replaceable with hand-operated fasteners or hand tools.