

AUGUST 3, 2018

1

UL 7700-2-30

**Outline of Investigation for Portable Pneumatic Tools; Part 2: Particular
Requirements for Nailers, Staplers and Other Fastening Tools**

Issue Number: 4

August 3, 2018

Summary of Topics

This Fourth Issue of the Outline of Investigation for Portable Pneumatic Tools; Part 2: Particular Requirements for Nailers, Staplers and Other Fastening Tools, UL 7700-2-30, includes new/revised Glossary items and adds an Exception to 15.102.

UL's Outlines of Investigation are copyrighted by UL LLC. Neither a printed nor electronic copy of an Outline of Investigation should be altered in any way. All of UL's Outlines of Investigation and all copyrights, ownerships, and rights regarding those Outlines of Investigation shall remain the sole and exclusive property of UL LLC.

COPYRIGHT © 2018 UL LLC

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL**



Documents
Document Sharing Hub

No Text on This Page

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL**



Documents

Document Sharing Hub

CONTENTS

1 Scope	4
2 Components	4
3 Undated References	4
4 Units of Measurement	4
5 Glossary	4
6 General Requirements	5
7 General Notes on Tests	6
8 Marking	6
9 Instructions	6
10 Electrical Circuits	7
11 Rotating Output	7
12 Surface Temperatures	7
13 Accessibility of Moving Parts	7
14 Mechanical Strength	8
15 Construction	8
16 Noise Emission	10
17 Resistance to Corrosion	11
18 Accessories and Attachments	11

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM UL**



Documents

Document Sharing Hub

1 Scope

This Section of Part 1 is applicable except as follows:

Modify 1.1 as follows:

The term "tools" is replaced with "nailers, staplers and other fastener driving tools."

2 Components

This Section of Part 1 is applicable.

3 Undated References

This Section of Part 1 is applicable.

4 Units of Measurement

This Section of Part 1 is applicable.

5 Glossary

This Section of Part 1 is applicable except as follows:

Add definitions:

5.101 ACTUATION SYSTEMS:

- a) SINGLE – An actuation system in which the trigger has to be actuated for each driving operation.
- b) CONTINUOUS – An actuation system in which the driving operations are carried out for as long as the trigger remains actuated. No safety yoke is present.
- c) CONTACT – An actuation system in which both the trigger and the safety yoke have to be actuated for each driving operation, with the order of actuation not being specified. The driving operations occur if either the trigger remains activated and the safety yoke is activated thereafter, or vice versa.
- d) CONTACT, CONTINUOUS – An actuation system in which both the trigger and the safety yoke have to be actuated, with the order of actuation not being specified, and in which the driving operations continue to take place for as long as the trigger and the safety yoke remain actuated.
- e) SEQUENTIAL, SINGLE – An actuation system in which the trigger and the safety yoke have to be actuated in such a way that one single driving operation is initiated by the trigger, only after the safety yoke has been applied to the workpiece. Thereafter, any further driving operations are initiated only after the trigger has been returned to the starting position.