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ULC/ORD-C252-75 (R2018)

GUIDE FOR THE INVESTIGATION OF GAS PRESSURE REGULATORS

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TABLE OF CONTENTS

	PAGE
General	1
1. Scope	1
2. General	1
Construction	2
3. General	2
4. Connections	2
5. Gauges	2
6. Workmanship	2
Performance	3
7. Seat Leakage Test	3
8. Excess Pressure Test	3
Manufacturing and Production Tests	3
9. General	3
Marking	4
10. General	4

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FOREWORD

Certification organizations are periodically requested to promptly provide certification services for devices, constructions, materials and systems where Canadian recognized Standards do not currently exist or are not entirely applicable. Accordingly, the certification organization utilizes its experience, existing specifications and requirements in related areas, together with assistance from its advisory councils to develop and prepare Other Recognized Documents (ORDs) for use in conducting the necessary tests and evaluation investigation.

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Comments on the content of this ORD should be directed to the Head Office of Underwriters Laboratories of Canada, 7 Underwriters Road, Toronto, Ontario, Canada, M1R 3A9.

NOTE: These Other Recognized Documents are accepted under the National Standards System of Canada. Reference may be made to the Document ″Guidelines for the Development and Maintenance of Other Recognized Documents (ORDs)″, published by the Standards Council of Canada located at 55 Metcalfe Street, Suite 600, Ottawa, Ontario, Canada, K1P 6L5.

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GUIDE FOR THE INVESTIGATION OF GAS PRESSURE REGULATORS

PREFACE

This is the First Edition of the Other Recognized Document for Guide For The Investigation Of Gas Pressure Regulators, ULC/ORD-C252-75 (R2018).

Only metric SI units of measurement are used in this ORD. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This First Edition ORD has now been Reaffirmed.

Attention is drawn to the possibility that some of the elements of this ORD may be the subject of patent rights. Neither Underwriters Laboratories of Canada, nor ULC Standards, shall be held responsible for identifying any or all such patent rights.

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This ORD is intended to be used for conformity assessment.

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In Replying Please Refer to ULC Subject C252-1975

GUIDE

FOR

THE INVESTIGATION

OF

GAS PRESSURE REGULATORS

GENERAL

1. Scope

1.1 These requirements cover pressure regulators which reduce the storage cylinder or line gas pressure to the use pressure.

1.2 Regulators covered by these requirements are intended for use with (1) gases for welding and cutting operations, (2) inert gases, or (3) non-flammable medical gases.

1.3 These requirements do not cover LP-Gas pressure regulators for equipment intended for installation and use under the requirements of the Standard for the Storage and Handling of Liquefied Petroleum Gases, NFPA No. 58.

2. General

2.1 These requirements are intended to determine that regulators are designed to prevent throwing of parts if the seat fails and allows high pressure in the low-pressure compartment.

2.2 The regulating performance, effect of over-pressure on connected equipment, and the physiological effects of the use of medical equipment regulators are not investigated.

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