## NATIONAL STANDARD OF CANADA

# CAN/ULC-S523-M91

Including Amendments 1 through 2

# STANDARD FOR LIGHT ATTACK FIRE FIGHTING APPARATUS (MINI-PUMPER)





UNDERWRITERS' LABORATORIES OF CANADA (ULC) is a not-for-profit organization incorporated in 1920 by letters patent issued by the Canadian Government. It maintains and operates laboratories and certification services for the examination, testing, and classification of devices, constructions, materials and systems to determine their relation to life, fire and property hazards. Underwriters' Laboratories of Canada also develops and publishes standards, classifications and specifications for products having a bearing on fire, accident, or property hazards.

Underwriters' Laboratories of Canada is accredited by the Standards Council of Canada as a Certification Organization, a Testing Organization, and a Standards Development Organization under the National Standards System of Canada, and is affiliated with Underwriters Laboratories Inc. in the United States of America.

National Standards of Canada developed by Underwriters' Laboratories of Canada conform to the criteria and procedures established by the Standards Council of Canada. Such standards are prepared using the consensus principle by individuals who provide a balanced representation of interests relevant to the subject area on a national basis.

The headquarters of Underwriters' Laboratories of Canada is located in Toronto, Ontario. In addition, ULC is represented across Canada as well as many countries worldwide.

#### HEAD OFFICE

Underwriters' Laboratories of Canada 7 Underwriters Road Toronto, Ontario M1R 3B4 Telephone: (416) 757-3611 Fax: (416) 757-9540

#### EASTERN OFFICE

6505 Trans-Canada Hwy., Suite 330 St. Laurent, Québec H4T 1S3 Telephone: (514) 363-5941 Fax: (514) 363-7014

#### PACIFIC OFFICE

No. 130 – 13775 Commerce Parkway Richmond, British Columbia V6V 2V4 Telephone: (604) 214-9555 Fax: (604) 214-9550

Toll-free telephone: 1-866-9373-ULC E-mail: customerservice@ulc.ca Web site: www.ulc.ca The STANDARDS COUNCIL OF CANADA is the coordinating body of the National Standards System, a federation of independent, autonomous organizations working towards the further development and improvement of voluntary standardization in the national interest.

The principal objects of the Council are to foster and promote voluntary standardization as a means of advancing the national economy, benefiting the health, safety and welfare of the public, assisting and protecting the consumer, facilitating domestic and international trade, and furthering international cooperation in the field of standards.

A National Standard of Canada is a standard which has been approved by the Standards Council of Canada and one which reflects a reasonable agreement among the views of a number of capable individuals whose collective interests provide to the greatest practicable extent a balance of representation of producers, users, consumers, and others with relevant interests, as may be appropriate to the subject in hand. It normally is a standard that is capable of making a significant and timely contribution to the national interest.

Approval of a standard as a National Standard of Canada indicates that a standard conforms to the criteria and procedures established by the Standards Council of Canada. Approval does not refer to the technical content of the standard; this remains the continuing responsibility of the accredited standards development organization.

Those who have a need to apply standards are encouraged to use National Standards of Canada whenever practicable. These standards are subject to periodic review; therefore, users are cautioned to obtain the latest edition from the organization preparing the standard.

The responsibility for approving National Standards of Canada rests with:

Standards Council of Canada 270 Albert Street Suite 200 Ottawa, Ontario K1P 6N7

The intended primary application of this Standard is stated in its scope. It is important to note that it remains the responsibility of the user of the Standard to judge its suitability for this particular application.

Copies of this National Standard of Canada may be ordered from Underwriters' Laboratories of Canada.

LES NORMES NATIONALES DU CANADA SONT DISPONIBLES EN VERSIONS ERANÇAISE ET ANGLAISE

### UNDERWRITERS' LABORATORIES OF CANADA

## STANDARD FOR LIGHT ATTACK FIRE FIGHTING APPARATUS (MINI-PUMPER)

ICS 13.220.30, 43.160

#### Prepared and Published by UNDERWRITERS' LABORATORIES OF CANADA



Approved by STANDARDS COUNCIL OF CANADA



FIRST EDITION	NOVEMBER 1991
Amended	February 1994
AMENDED	SEPTEMBER 1997

Copyright © 2003 Underwriters' Laboratories of Canada All rights reserved. No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without prior permission of Underwriters' Laboratories of Canada.