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NEW EDITION

Sixth Edition of CAN/ULC-1254:2019

STANDARD FOR PRE-ENGINEERED DRY AND WET CHEMICAL EXTINGUISHING SYSTEM UNITS

ULC Standards is pleased to announce the publication of the Sixth Edition of CAN/ULC-1254:2019, Standard for Pre-Engineered Dry and Wet Chemical Extinguishing System Units. This Standard has been approved by the UL Standards Technical Panel (STP) for Extinguishing Systems, STP 300, and has been published under the date of April 2019.

This Standard covers the construction and operation of fixed pre-engineered dry chemical fire extinguishing system units and fixed automatic extinguisher units intended to be used in accordance with the Standard for Dry Chemical Extinguishing Systems, NFPA 17 and with the National Fire Code of Canada, as applicable; and; fixed pre-engineered wet chemical fire extinguishing system units intended to be used in accordance with the Standard for Wet Chemical Extinguishing Systems, NFPA 17A; and with the National Fire Code of Canada, as applicable.

Automatic extinguisher units do not have a manual means of operation and are intended to be used in accordance with the manufacturer's installation instructions. Automatic extinguisher units are not intended for use as a substitute for pre-engineered dry chemical extinguishing system units, or for protection of fire risks larger than those specified in the manufacturer's instructions for a single unit by using multiple units.

This Standard covers requirements that are intended to be used in the following fire protection systems:

- a) Industrial Total Flooding Protection System – A system arranged to discharge dry chemical throughout the intended protected volume.
- b) Class B Local Application Protection System – A system arranged to discharge dry chemical directly onto a specific area of protection. This application of chemical is normally used where no fixed enclosure exists or an extinguishing system is unable to totally flood the fixed enclosure to achieve extinguishment.
- c) Commercial Cooking Equipment Protection System – A system arranged to discharge dry chemical onto cooking surfaces of cooking appliances and into hood and duct systems used for ventilation of commercial cooking appliances. See the Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment, UL 300.

d) Automobile Service Station Fueling Area Protection System – A system arranged to discharge dry chemical directly onto small spill fires that originate and are maintained within the protected area.

e) Open-Face Paint Spray Booth Protection System – A system arranged to discharge dry chemical into paint spray working areas and into the plenum and duct systems used for ventilation of paint spraying operations.

f) Vehicle Paint Spray Booth – A system arranged to discharge dry chemical into paint spray working areas and onto the plenum and duct systems used for ventilation of paint spraying operations.

g) Off-the-Road Vehicle Protection System – A system arranged to discharge dry chemical onto fire risk areas and into volumes of vehicles such as aboveground mobile mining equipment, and mobile earthmoving equipment.

This Standard covers requirements that are intended to be used in the following fire protection systems:

a) Commercial Cooking Equipment Protection System – A system arranged to discharge wet chemical onto cooking surfaces of cooking appliances and into hood and duct systems used for ventilation of commercial cooking appliances. See the Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment, UL 300.

b) Off-the-Road Vehicle Protection System – A system arranged to discharge wet chemical onto fire risk areas and into volumes of vehicles such as aboveground mobile mining equipment, and mobile earthmoving equipment.

For any additional information, please contact Nicolette Weeks at (919) 549-0973 or by email at Nicolette.A.Weeks@ul.com.

This Standard can be ordered for \$631.00 CAD (Hardcopy) or \$505.00 CAD (PDF) from the ULC Standards website at <http://canada.ul.com/ulcstandards/>. Click on *Sales of ULC Standards Materials* for more information.

Yours truly,

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