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# ANSI/CAN/UL/ULC 1389:2023

JOINT CANADA-UNITED STATES  
NATIONAL STANDARD

## STANDARD FOR SAFETY

Plant Oil Extraction Equipment for  
Installation and Use in Ordinary  
(Unclassified) Locations and  
Hazardous (Classified) Locations



## SCC FOREWORD

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UL Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations, ANSI/CAN/UL/ULC 1389

First Edition, Dated November 25, 2019

### **Summary of Topics**

***This revision of ANSI/CAN/UL/ULC 1389 dated April 20, 2023 includes the following changes in requirements:***

- ***Additional Standard Reference for Storage Cylinders for Transportation; [9.1](#).***
- ***Corrected Standard References for Industrial Control Equipment and Insulation Coordination; [18.1](#), [18B.1](#), [18B.2](#), [18C.1](#) and [18D.1](#).***
- ***Correcting Explosion-Proof Equipment Standard References for Canada; [19.1.2](#) and [50.1.2.2](#).***
- ***Revisions to [Table 27.1](#).***
- ***Terminology Clarifications and Corrections; [1.1](#), [19.1.3](#), [19.2.1](#), [19.3.1](#), [19.3.2](#), [37.1](#), [38.1](#), [46.3](#), [47.5](#), [49.2.1](#), [49.2.2](#), [49.3.1](#), [49.3.2](#), [50.1.2.1](#), [50.1.3.1](#), [50.4.1](#), [52.2](#) and [53.4](#).***
- ***Miscellaneous Editorial Corrections; [48.1](#), [48.2](#), [48.4](#), [Section 49](#) (title only), [Section 52](#) (Advisory Note only) and [54.1](#).***
- ***Update [Table A1.1](#) – Safety Markings Translations.***
- ***Update [Annex A](#) from Informative to Normative.***
- ***Formatting [Clause 1.1](#) for Consistency.***

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

These new and revised are substantially in accordance with Proposal(s) on this subject dated November 4, 2022.

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**ANSI/CAN/UL/ULC 1389:2023**

**Standard for Plant Oil Extraction Equipment for Installation and Use in  
Ordinary (Unclassified) Locations and Hazardous (Classified) Locations**

**First Edition**

**November 25, 2019**

This ANSI/CAN/UL/ULC Safety Standard consists of the First Edition including revisions through April 20, 2023.

The most recent designation of ANSI/UL 1389 as an American National Standard (ANSI) occurred on April 20, 2023. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

This standard has been designated as a National Standard of Canada (NSC) on April 20, 2023.

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## CONTENTS

Preface .....	7
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## INTRODUCTION

1 Scope .....	11
2 Units of Measurement .....	12
3 Undated References .....	12
3A Referenced Publications .....	12
4 Glossary .....	15
5 Components .....	15
6 Normative References .....	15
6A Schedule of Limitations on Components .....	15

## PART I – PLANT OIL EXTRACTORS

### CONSTRUCTION

7 General .....	16
8 Pressure Vessels .....	16
9 Storage Cylinders .....	17
10 Piping, Hose, Tubing and Fittings .....	17
11 Gauges .....	18
12 Power-Operated Pumps and Bypass Valves .....	18
13 Meters .....	19
14 Valves .....	19
14.1 General .....	19
14.2 Safety relief valves .....	20
14.3 Excess flow/backflow/check valves .....	20
14.4 Hydrostatic relief valves .....	21
14.5 Positive shutoff valves .....	21
14.6 Pressure-limiting device .....	22
15 Regulators .....	22
16 Tube Fittings .....	22
17 Wiring .....	22
18 Grounding and Bonding .....	22
18A Support and Securement of Live Parts .....	23
18B Spacings .....	23
18C Insulating Barriers .....	24
18D Insulating Materials .....	24
18E Accessibility of Uninsulated Live Parts, Film-Coated Wire, and Moving Parts .....	24
18F Guards .....	29
18G Protection Against Risk of Fire, Electric Shock, or Injury to Persons .....	29
18H Sharp Edges .....	30
19 Specific Risk of Ignition Requirements for Hazardous Locations Rated Equipment .....	30
19.1 General .....	30
19.2 Zone 1 or Class I, Division 1 .....	32
19.3 Zone 2 or Class I, Division 2 .....	32
20 Materials .....	33
21 Cooling Systems .....	35
21.1 Aqueous systems .....	35
21.2 Refrigerant base cooling systems .....	35

**PERFORMANCE**

22	Deformation Test.....	35
23	Leakage Test – Pneumatically-Powered Pump .....	36
24	Endurance Test.....	37
	24.1 Mechanical and pneumatically-powered pumps .....	37
	24.2 Pressure vessel body and cover locking mechanism .....	37
25	Leakage Test – System.....	37
26	Hydrostatic Strength Test – Vessel.....	37
27	Hydrostatic Strength Test – Piping and Operating Parts.....	38
28	Mechanical Strength Tests for Sight Glass.....	38
29	Overflow Test.....	39
30	Temperature Test .....	39
31	Dielectric Voltage-Withstand Test .....	41
32	Tests for Butane and Carbon Dioxide Hoses.....	41
	32.1 General.....	41
	32.2 Exposure test .....	41
	32.3 Hydrostatic strength test.....	42
	32.4 Thermal cycling test.....	42
	32.5 Oil aging test .....	42
	32.6 Vibration test .....	42
	32.7 Pull test.....	42
	32.8 Permeation tests.....	42
33	Tip Stability Test.....	44
34	Tests for Synthetic Rubber Parts.....	44
	34.1 General.....	44
	34.2 Volume change test .....	44
	34.3 Weight loss test .....	45
35	Low Temperature Test .....	45
36	Accelerated Aging Test .....	46
37	Solvent Vapor Release Test – Vessel Disconnection .....	46
38	Solvent Vapor Release Test – Vessel Opening.....	46
39	Moist Ammonia Air Stress Cracking Test.....	47

**PERFORMANCE TESTS FOR HYDRAULIC PUMPS**

40	Directional Valve Endurance Test .....	47
41	Pressure Relief and Automatic Limiting Device Endurance Test .....	47
42	Hydraulic Pump Endurance Tests .....	48
	42.1 Hydraulic pump endurance test No. 1 .....	48
	42.2 Hydraulic pump endurance test No. 2.....	48
43	Fitting Pull Test .....	48
44	Hydrostatic Strength Test .....	48

**MANUFACTURING AND PRODUCTION TESTS**

45	General .....	48
----	---------------	----

**MARKINGS**

46	Details.....	48
----	--------------	----

**INSTRUCTIONS**

47	Manual.....	52
----	-------------	----

**PART II – PLANT OIL EXTRACTION BOOTHS****CONSTRUCTION**

48	General .....	55
49	Area Classification Due to Internal Sources of Release .....	56
	49.1 General.....	56
	49.2 Zone 1 or Class I, Division 1 within booth .....	56
	49.3 Zone 2 or Class I, Division 2 within booth .....	57
50	Key Factors Investigated.....	58
	50.1 Electrical equipment and associated factory-provided interconnections .....	58
	50.2 Fire suppression system .....	60
	50.3 Ventilation .....	60
	50.4 Vapor detection .....	61
	50.5 Smoke detection.....	61
	50.6 Working spaces.....	61
51	Field Assembly, Installation and Use.....	62

**MARKINGS**

52	Details.....	62
----	--------------	----

**INSTRUCTIONS**

53	Manual .....	63
----	--------------	----

**PART III – PLANT OIL EXTRACTION PREPARATORY AND POST-PROCESSING EQUIPMENT**

54	General .....	65
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**ANNEX A – (NORMATIVE) – Safety Marking Translations**

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## Preface

This is the First Edition of the ANSI/CAN/UL/ULC 1389, Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations.

ULSE is accredited by the American National Standards Institute (ANSI) and the Standards Council of Canada (SCC) as a Standards Development Organization (SDO). ULC Standards is accredited by the Standards Council of Canada (SCC) as a Standards Development Organization (SDO).

This Standard has been developed in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization.

This ANSI/CAN/UL/ULC 1389 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

Annex [A](#), identified as normative, forms a mandatory part of this Standard.

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 Joint American National Standard and National Standard of Canada is based on, and now supersedes, the First Issue of UL 1389 Outline of Investigation and the First Edition of ULC/ORD-C1389-19.

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

Requests for interpretation of this Standard should be sent to ULC Standards. The requests should be worded in such a manner as to permit a "yes" or "no" answer based on the literal text of the requirement concerned.

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This Edition of the Standard has been formally approved by the Technical Committee (TC) on Plant Oil Extraction Equipment, TC 1389.

This list represents the TC 1389 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

### TC 1389 Membership

Name	Representing	Interest Category	Region
Casals, Tomas	Viridios Systems	Producer	USA
Chisholm, Jim	Toronto Fire Services	AHJ	Toronto
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This Standard is intended to be used for conformity assessment.

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.

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