

PROVINCE OF BRITISH COLUMBIA

REGULATION OF THE MINISTER OF ENERGY, MINES AND NATURAL GAS  
AND MINISTER RESPONSIBLE FOR HOUSING AND DEPUTY PREMIER

*Fire Services Act*

Ministerial Order No. M 091

I, Rich Coleman, Minister of Energy, Mines and Natural Gas and Minister Responsible for Housing and Deputy Premier, order that the British Columbia Fire Code Regulation, B.C. Reg. 263/2012, is amended as set out in the attached Schedule.

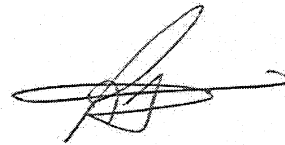
DEPOSITED

April 5, 2013

B.C. REG. 166/2013

APR - 4 2013

Date



Minister of Energy, Mines and Natural Gas  
and Minister Responsible for Housing and  
Deputy Premier

*(This part is for administrative purposes only and is not part of the Order.)*

Authority under which Order is made:

Act and section: *Fire Services Act*, R.S.B.C. 1996, c. 144, s. 47

Other: MO 189/2012

March 25, 2013

**SCHEDULE**

**1** *The British Columbia Fire Code adopted by the British Columbia Fire Code Regulation, B.C. Reg. 263/2012, is amended as set out in this Schedule.*

**2** *Table 1.3.1.2. of Division B is amended*

*(a) by repealing the following item:*

ULC	ULC/ORD-C58.19-1992	Spill Containment Devices for Underground Flammable Liquid Storage Tanks	4.3.10.2.(2)
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*and substituting the following:*

ULC	ULC/ORD-C58.19-1992	Spill Containment Devices for Underground Flammable Liquid Storage Tanks	4.3.9.2.(2)
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*, and*

*(b) by repealing the following item:*

ULC	ULC/ORD-C107.21-1992	Under-Dispenser Sumps	4.3.10.2.(1) 4.6.3.2.(1)
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*and substituting the following:*

ULC	ULC/ORD-C107.21-1992	Under-Dispenser Sumps	4.3.9.2.(1) 4.6.3.2.(1)
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**3** *Table 2.16.1.1. is amended by repealing the following item:*

2.3.2.3. Textiles in Group B Occupancies	
(1)	[F02-OP1.2] [F02-OS1.2]

*and substituting the following:*

2.3.2.3. Textiles in Group B Occupancies	
(1)	[F02-OP1.2] [F02-OS1.2]
	[F02-OP1.2] [F02-OS1.2]

**4** *Table 3.4.1.1. is amended*

*(a) by repealing the following item:*

3.2.7.5. Storage Arrangements	
(1)	(b) [F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5]
	(b) [F20-OS3.4]
	(a) [F20-OS3.4]
	(a) [F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5]
	(c) [F02-OS1.1]
	(c) [F02-OP1.2]
(2)	[F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5] [F02-OS1.2]
(3)	[F02-OP1.2]
	[F02-OS1.2]
(4)	[F81,F43,F12-OS3.4]
	[F81,F12-OH5]
	[F81,F01,F12-OS1.1]
(6)	[F03-OP1.2]
	[F03-OS1.2]
(8)	[F01-OP1.2]
	[F01-OS1.2]
(9)	[F81,F82-OS3.4]
	[F81,F82-OS1.1] [F10-OS1.5]

*and substituting the following:*

3.2.7.5. Storage Arrangements	
(1)	(b) [F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5]
	(b) [F20-OS3.4]
	(a) [F20-OS3.4]
	(a) [F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5]
	(c) [F02-OS1.1]
	(c) [F02-OP1.2]
(2)	[F20-OS1.1,OS1.2] [F04-OS1.2,OS1.5] [F02-OS1.2]
(3)	[F02-OP1.2]
	[F02-OS1.2]
(4)	[F81,F43,F12-OS3.4]
	[F81,F12-OH5]
	[F81,F01,F12-OS1.1]
(8)	[F01-OP1.2]
	[F01-OS1.2]
(9)	[F81,F82-OS3.4]
	[F81,F82-OS1.1] [F10-OS1.5]

*, and*

*(b) by repealing the following item:*

3.2.7.8. Flooring Materials	
(2)	[F01-OS1.1]

*and substituting the following:*

3.2.7.8. Flooring Materials	
(1)	(b) [F01-OS1.1]

(2)	[F01-OS1.1]
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5 *Sentence 4.3.9.1.(5) is amended by striking out “Article 4.3.10.2.,” and substituting “Article 4.3.9.2.”*

6 *The following Articles are added:*

**4.3.9.2. Construction**

1) *Dispenser sumps* shall conform to the construction and performance requirements of ULC/ORD-C107.21, “Under-Dispenser Sumps.”

2) *Spill containment sumps* shall conform to the construction and performance requirements of ULC/ORD-C58.19, “Spill Containment Devices for Underground Flammable Liquid Storage Tanks.”

**4.3.9.3. Leak Detection Monitoring**

1) Where *dispenser sumps, turbine sumps* and *transition sumps* referred to in Article 4.3.9.1. are used in underground applications, they shall be provided with an electronic monitoring device to indicate the presence of liquid.

7 *Articles 4.3.10.2. and 4.3.10.3. are repealed.*

8 *Sentence 4.4.1.2.(6) is amended by striking out “Sentence 4.3.10.3.(1),” and substituting “Sentence 4.3.9.3.(1).”*

9 *Sentence 4.5.6.1.(1) is amended by striking out “vents, risers” and substituting “vent risers”.*

10 *Table 4.12.1.1. is amended*

*(a) by repealing the following item:*

<b>4.1.7.3. Location of Air Inlets and Outlets</b>	
(3)	[F01-OS1.1]
(4)	[F01-OS1.1]

*and substituting the following:*

<b>4.1.7.3. Location of Air Inlets and Outlets</b>	
(1)	[F01-OS1.1]
(3)	[F01-OS1.1]
(4)	[F01-OS1.1]

*(b) by repealing the following item:*

<b>4.2.9.5. Explosion Venting</b>	
(1)	[F02-OS1.3]
	[F02-OP1.3]
	[F02-OP3.1]

(c) by repealing the following items:

4.3.10.2. Construction	
(1)	[F20,F44,F80,F81-OH5]
	[F20,F44,F80,F81-OS3.4]
	[F01,F20,F44,F80,F81-OS1.1]
	[F01,F20,F44,F80,F81-OP1.1]
(2)	[F20,F44,F80,F81-OH5]
	[F20,F44,F80,F81-OS3.4]
	[F01,F20,F44,F80,F81-OS1.1]
	[F01,F20,F44,F80,F81-OP1.1]

4.3.10.3. Leak Detection Monitoring	
(1)	[F43,F82-OS1.1]
	[F43,F82-OS3.4]
	[F43,F82-OP1.1]
	[F43,F82-OH5]

and substituting the following:

4.3.9.2. Construction	
(1)	[F20,F44,F80,F81-OH5]
	[F20,F44,F80,F81-OS3.4]
	[F01,F20,F44,F80,F81-OS1.1]
	[F01,F20,F44,F80,F81-OP1.1]
(2)	[F20,F44,F80,F81-OH5]
	[F20,F44,F80,F81-OS3.4]
	[F01,F20,F44,F80,F81-OS1.1]
	[F01,F20,F44,F80,F81-OP1.1]

4.3.9.3. Leak Detection Monitoring	
(1)	[F43,F82-OS1.1]
	[F43,F82-OS3.4]
	[F43,F82-OP1.1]
	[F43,F82-OH5]

(d) by repealing the following item:

4.3.12.3. Fill Piping and Discharge Piping	
(1)	[F43-OS1.1] Applies to portion of Code text: "Fill piping and discharge piping shall enter underground <i>storage tanks</i> only through the top of the tank ..."
	[F43-OS1.1] Applies to portion of Code text: "... discharge piping used in suction systems shall be sloped toward the <i>storage tanks</i> ."
	[F43-OH5] Applies to portion of Code text: "Fill piping and discharge piping shall enter underground <i>storage tanks</i> only through the top of the tank ..."
	[F43-OH5] Applies to portion of Code text: "... discharge piping used in suction systems shall be sloped toward the <i>storage tanks</i> ."
(2)	[F43-OS1.1]
	[F43-OH5]
(3)	(a),(b) [F01-OS1.1]
	(a),(c) [F01-OS1.1]

(4)	[F43,F01-OS1.1] [F43-OH5]
(5)	[F01-OS1.1]
(6)	(a), (c) [F43,F44,F82-OH5] (a), (c) [F43,F44,F82-OS3.4] (a), (c) [F01,F43,F44,F82-OS1.1] (a), (c) [F01,F43,F44,F82-OP1.1] (b) [F01,F43-OS1.1] (b) [F01,F43-OP1.1] (b) [F43-OH5]
(7)	[F01,F43-OS1.1] [F01,F43-OS3.4] [F01,F43-OH5]

*and substituting the following:*

<b>4.3.12.3. Fill Piping and Discharge Piping</b>	
(1)	[F43-OS1.1] Applies to portion of Code text: "Fill piping and discharge piping shall enter underground <i>storage tanks</i> only through the top of the tank ..." [F43-OS1.1] Applies to portion of Code text: "... discharge piping used in suction systems shall be sloped toward the <i>storage tanks</i> ." [F43-OH5] Applies to portion of Code text: "Fill piping and discharge piping shall enter underground <i>storage tanks</i> only through the top of the tank ..." [F43-OH5] Applies to portion of Code text: "... discharge piping used in suction systems shall be sloped toward the <i>storage tanks</i> ."
(2)	[F43-OS1.1] [F43-OH5]
(3)	(a),(b) [F01-OS1.1] (a),(c) [F01-OS1.1]
(4)	[F43,F01-OS1.1] [F43-OH5]
(5)	[F01-OS1.1]
(6)	(a),(c) [F43,F44,F82-OH5] (a),(c) [F43,F44,F82-OS3.4] (a),(c) [F01,F43,F44,F82-OP1.1] (b) [F01,F43-OP1.1] (b) [F43-OH5]
(7)	[F01,F43-OS1.1] [F01,F43-OS3.4] [F01,F43-OH5]

*(e) by repealing the following item:*

<b>4.3.13.5. Storage Tank Construction</b>	
(1)	(a) [F01,F20,F43,F80,F81-OS1.1] (a) [F01,F20,F43,F80,F81-OP1.1] (b) [F01,F43,F82-OS1.1] (b) [F01,F43,F82-OP1.1] (b) [F20,F43,F80,F81-OH5]

(2)	(a) [F01,F20,F43,F80,F81-OS1.1]
	(a) [F01,F20,F43,F80,F81-OP1.1]
	(b) [F01,F43,F82-OS1.1]
	(b) [F01,F43,F82-OP1.1]
	(b) [F20,F43,F80,F81-OH5]

*and substituting the following:*

<b>4.3.13.5. Storage Tank Construction</b>	
(1)	(a) [F01,F20,F43,F80,F81-OS1.1]
	(a) [F01,F20,F43,F80,F81-OP1.1]
	(b) [F01,F43,F82-OS1.1]
	(b) [F01,F43,F82-OP1.1]
	(b) [F20,F43,F80,F81-OH5]
(2)	(b) [F01,F43,F82-OS1.1]
	(b) [F01,F43,F82-OP1.1]
	(b) [F20,F43,F80,F81-OH5]

*, and*

*(f) by adding the following item:*

<b>4.3.13.6. Piping Systems</b>	
(1)	[F01-OS1.1]
	[F01-OP1.1]

*II Section 6.7. is amended*

- (a) in the heading by striking out "Carbon Monoxide Detectors" and substituting "Carbon Monoxide Alarms", and*
- (b) in Sentence 6.7.1.1.(3) by striking out "carbon monoxide detectors" and substituting "carbon monoxide alarms".*