

Corrections to the ERG2012

- 1. CORRECTION on page 127 of the French version only:** For the product “Matière radioactive, colis de Type C, fissile” (UN3330), there was an error with the assigned Guide number. It should be Guide **165** (and not Guide 163). This error is only present in the Blue pages of the French version.
- 2. CORRECTION on page 364 of the English version, on page 349 of the French version and on page 410 of the Spanish version:** In the last sentence of the paragraph under the title BLEVE, there was an error in the UN number for propylene. The sentence should be: LPGs include the following flammable gases; Butane, UN1011; Butylene, UN1012; Isobutylene, UN1055; Propylene, **UN1077**; Isobutane, UN1969; and Propane, UN1978.
- 3. CORRECTION on page 366 of the English version, on page 350 of the French version and on page 412 of the Spanish version:** The equation for the water flow is wrong. The correct equation should be:

English version:

Water flow rate is based on $5 (\sqrt{\text{capacity (USgal)}}) = \text{usgal/min}$ needed to cool tank metal.

French version:

Le débit d'eau est basé sur l'équation suivante (règle empirique) :
 $5 (\sqrt{\text{capacité (gal.US)}}) = \text{gal.US/min}$ requis pour refroidir le métal du réservoir.

Spanish version:

Caudal de agua basado en $5 (\sqrt{\text{capacidad (gal.US)}}) = \text{galones USA/min}$ necesarios para enfriar el metal del tanque.

- 4. CORRECTION on page 367 of the English version and on page 413 of the Spanish version:** There was an error with the conversion factor used to convert Litres to Gallons in the first column of the BLEVE Table. The correct values are found in the following tables:

English version:

BLEVE (USE WITH CAUTION)											
Capacity	Diameter	Length	Propane Mass	Minimum time to failure for severe torch	Approximate time to empty for engulfing fire	Fireball radius	Emergency response distance	Minimum evacuation distance	Preferred evacuation distance	Cooling water flow rate	
Litres (Gallons)	Meters (Feet)	Meters (Feet)	Kilograms(Lbs)	Minutes	Minutes	Meters(Feet)	Meters (Feet)	Meters (Feet)	Meters (Feet)	Litres/min	USgal/min
100 (26.4)	0.3 (1)	1.5 (4.9)	40 (88)	4	8	10 (33)	90 (295)	154 (505)	307 (1007)	94.6	25
400 (106)	0.61 (2)	1.5 (4.9)	160 (353)	4	12	16 (53)	90 (295)	244 (801)	488 (1601)	189.3	50
2000 (528)	0.96 (3.2)	3 (9.8)	800 (1764)	5	18	28 (92)	111 (364)	417 (1368)	834 (2736)	424	112
4000 (1057)	1 (3.3)	4.9 (16.1)	1600 (3527)	5	20	35 (115)	140 (459)	525 (1722)	1050 (3445)	598	158
8000 (2113)	1.25 (4.1)	6.5 (21.3)	3200 (7055)	6	22	44 (144)	176 (577)	661 (2169)	1323 (4341)	848	224
22000 (5812)	2.1 (6.9)	6.7 (22)	8800 (19400)	7	28	62 (203)	247 (810)	926 (3038)	1852 (6076)	1404	371
42000 (11095)	2.1 (6.9)	11.8 (38.7)	16800 (37037)	7	32	77 (253)	306 (1004)	1149 (3770)	2200 (7218)	1938	512
82000 (21662)	2.75 (9)	13.7 (45)	32800 (72310)	8	40	96 (315)	383 (1257)	1435 (4708)	2200 (7218)	2710	716
140000 (36984)	3.3 (10.8)	17.2 (56.4)	56000 (123457)	9	45	114 (374)	457 (1499)	1715 (5627)	2200 (7218)	3539	935

Spanish version:

BLEVE (USO CON LA PRECAUCIÓN)											
Capacidad	Diámetro	Longitud	Masa de Propano	Tiempo Mínimo de falla por contacto con fuego	Tiempo aproximado de vaciado por fuego envolvente	Radio de Bola de Fuego	Distancia de Respuesta a Emergencia	Distancia Mínima de Evacuación	Distancia Recomendada de Evacuación	Caudal de Enfriamiento de Tanques	
Litros (Galones EE.UU)	m (pies)	m (pies)	kg (libras)	Minutos	Minutos	m (pies)	m (pies)	m (pies)	m (pies)	litros/min	USgal/min
100 (26.4)	0.3 (1)	1.5 (4.9)	40 (88)	4	8	10 (33)	90 (295)	154 (505)	307 (1007)	94.6	25
400 (106)	0.61 (2)	1.5 (4.9)	160 (353)	4	12	16 (53)	90 (295)	244 (801)	488 (1601)	189.3	50
2000 (528)	0.96 (3.2)	3 (9.8)	800 (1764)	5	18	28 (92)	111 (364)	417 (1368)	834 (2736)	424	112
4000 (1057)	1 (3.3)	4.9 (16.1)	1600 (3527)	5	20	35 (115)	140 (459)	525 (1722)	1050 (3445)	598	158
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