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**FIRE SAFETY ACT
(CHAPTER 109A)**

**FIRE SAFETY
(PETROLEUM AND FLAMMABLE MATERIALS)
(AMENDMENT) REGULATIONS 2014**

In exercise of the powers conferred by section 61 of the Fire Safety Act, the Minister for Home Affairs hereby makes the following Regulations:

Citation and commencement

1. These Regulations may be cited as the Fire Safety (Petroleum and Flammable Materials) (Amendment) Regulations 2014 and shall come into operation on 17th March 2014.

Deletion and substitution of Fourth Schedule

2. The Fourth Schedule to the Fire Safety (Petroleum and Flammable Materials) Regulations (Rg 7) is deleted and the following Schedule substituted therefor:

“FOURTH SCHEDULE
FLAMMABLE MATERIALS

Regulation 2(3)(b)

<i>S/N</i>	<i>Flammable Materials</i>
1.	Acetal
2.	Acetaldehyde diethylacetal
3.	Acetoin (3-Hydroxybutanone)
4.	Acetone
5.	Acetyl chloride
6.	Acetyl methyl carbinol (Butanolone)
7.	Acetylene
8.	Acryloyl chloride
9.	Aldehydes
10.	Allyl acetate

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
11.	Allyl bromide
12.	Allyl chloride
13.	Allyl formate
14.	Allyl iodide
15.	Allyl methacrylate
16.	Aluminium alkyl halides
17.	Aluminium alkyl hydrides
18.	Aluminium alkyls
19.	Aluminium borohydride
20.	Aluminium carbide
21.	Aluminium ferrosilicon powder
22.	Aluminium hydride
23.	Aluminium powders, uncoated
24.	Amines
25.	2-Amino-4,6-Dinitrophenol, wetted [with not less than 20% water, by mass]
26.	Ammonium picrate
27.	Amyl acetate
28.	Amyl butyrate
29.	Amyl chlorides
30.	Amyl mercaptan
31.	Amyl nitrites
32.	Azobis (dimethylvaleronitrile)
33.	Azobis (methylpropionitrile), Azobis-isobutyronitrile
34.	Azodi (methylbutyronitrile)
35.	Azodicarbonamide
36.	Barium
37.	Barium azide, wetted [with not less than 50% water, by mass]
38.	Benzotrifluoride
39.	Bis-cyclopentadienyl iron (Ferrocene)
40.	Boron trifluoride dimethyl etherate
41.	1-Bromobutane
42.	Bromomethylpropane
43.	2-Bromopentane
44.	Bromopropanes
45.	3-Bromopropyne

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
46.	Bromotrifluoroethylene
47.	Butadienes
48.	Butanedione
49.	Butane
50.	Butanol (Butyl alcohol)
51.	Butene
52.	Butyl acetate
53.	n-Butyl formate
54.	Butyl acrylate
55.	Tert-butylamine
56.	Butyl butyrate
57.	Tert-butyl hypochlorite
58.	Butyl isobutyrate
59.	Butyl isovalerate (Butyl 3-Methylbutanoate)
60.	Butyl nitrites
61.	1,2-Butylene oxide
62.	Butyryl chloride
63.	Calcium
64.	Calcium carbide
65.	Calcium dithionite (Calcium hydrosulfite)
66.	Calcium hydride
67.	Calcium or Calcium alloys
68.	Calcium silicide
69.	Carbon disulfide
70.	Carbonyl iron powder
71.	Cerium
72.	Cesium (Caesium)
73.	Chlorobutane
74.	Chloroprene
75.	2-Chloropropane
76.	2-Chloropropene
77.	Chlorosilanes, except Hexachlorodisilane, Phenyltrichlorosilane and Tetrachlorosilane
78.	1-Chloro-1, 1-difluoroethane
79.	Compressed Natural Gas (CNG)

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
80.	Crestyl methyl ether para (1-methoxy-4-methylbenzene)
81.	Cyclobutane
82.	Cyclohexanone
83.	Cyclohexyl acetate
84.	Cyclopentanone
85.	Cyclopropane
86.	Decaborane
87.	Deuterium
88.	1,2-Di-(dimethylamino)ethane
89.	Diacetone alcohol
90.	1,1-Dichloroethane
91.	1,2-Dichloroethylene
92.	1,2-Dichloropropane
93.	Dichloropropene
94.	Dicyclohexylammonium nitrite
95.	Diethoxymethane
96.	3,3-Diethoxypropene
97.	Diethyl carbonate
98.	Diethyl ketone
99.	Diethyl sulfide
100.	Diethylhydroxylamine 85%
101.	Diethylzinc
102.	Diethynyltertramethyldisiloxane (1,3-Diethynyl-1,1,3,3-tetramethyldisiloxane)
103.	Difluoroethane
104.	1,1-Difluoroethylene
105.	Difluoromethane
106.	2,3-Dihydropyran
107.	Diisobutyl ketone
108.	1,2-Dimethoxyethane
109.	1,1-Dimethoxyethane
110.	Dimethyl carbonate
111.	Dimethyl disulfide
112.	Dimethyl ether
113.	Dimethyl hexynol

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
114.	Dimethyl sulfide
115.	Dimethyl trisulfide
116.	2,3-Dimethylbutane
117.	Dimethylcyclohexane
118.	Dimethyldiethoxysilane
119.	Dimethyldioxane
120.	Dimethylformamide
121.	2,2-Dimethylpropane
122.	Dimethylzinc
123.	Dinitrophenol, wetted [with not less than 15% water, by mass]
124.	Dinitrophenolates, wetted [with not less than 15% water, by mass]
125.	Dinitroresorcinol, wetted [with not less than 15% water, by mass]
126.	Dioxane
127.	Dioxolane
128.	Dipicryl sulfide
129.	Esters
130.	Ethane
131.	Ethanol
132.	Ethers
133.	Ethoxy propanol
134.	Ethyl 3-ethoxypropionate
135.	Ethyl acetate
136.	Ethyl acrylate
137.	Ethyl borate
138.	Ethyl butyrate
139.	Ethyl caproate (Ethyl hexanoate)
140.	Ethyl chloride
141.	Ethyl crotonate
142.	Ethyl formate
143.	Ethyl isobutyrate
144.	Ethyl isocyanate
145.	Ethyl isovalerate
146.	Ethyl lactate
147.	Ethyl methacrylate
148.	Ethyl methyl butanoate

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
149.	Ethyl methyl butyrate
150.	Ethyl nitrite
151.	Ethyl propionate
152.	Ethyl silicate
153.	Ethylacetylene
154.	Ethylbenzene
155.	Ethylchlorosilane
156.	Ethylene
157.	Ethylene glycol diethyl ether
158.	Ethylene glycol dimethyl ether
159.	ethylene glycol monoethyl ether acetate
160.	Ethoxypropanoic acid, ethyl ester
161.	1-Ethylpiperidine
162.	Eucalyptol (1,8-Cineol)
163.	Ferrocium
164.	Fluorobenzene
165.	Fluorotoluene
166.	Furan
167.	Hafnium powder
168.	Heptaldehyde (Aldehyde C7)
169.	Heptanone
170.	Hexadiene
171.	Hexamethyldisiloxane
172.	Hexamethyleneimine
173.	Hexenyl formate
174.	Hexyl acetate
175.	Hydrogen
176.	2-Iodobutane
177.	Iodomethylpropane
178.	Isoamyl acetate
179.	Isoamyl alcohol
180.	Isoamyl butyrate
181.	Isoamyl propionate
182.	Isobutane
183.	Isobutyl acetate

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
184.	Isobutyl formate
185.	Isobutyl isobutyrate
186.	Isobutyl isocyanate
187.	Isobutyl isovalerate
188.	Isobutylene
189.	Isobutyryl chloride
190.	Isopentyl formate
191.	Isopentylate
192.	Isoprene
193.	Isopropanol (Isopropyl alcohol)
194.	Isopropenoxytrimethyl silane
195.	Isopropenyl acetate
196.	Isopropyl acetate
197.	Isopropyl isobutyrate
198.	Isopropyl isocyanate
199.	Isopropyl nitrate
200.	Isopropyl propionate
201.	Lead phosphite, dibasic
202.	Lithium
203.	Lithium alkyls
204.	Lithium aluminum hydride
205.	Lithium borohydride
206.	Lithium ferrosilicon
207.	Lithium hydride
208.	Lithium nitride
209.	Lithium silicon
210.	Lutidine
211.	Magnesium alkyls
212.	Magnesium diamide
213.	Magnesium diphenyl
214.	Magnesium hydride
215.	Magnesium or Magnesium alloys
216.	Magnesium silicide
217.	Methane
218.	Methanol

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
219.	Methoxy acetoxyp propane
220.	Methoxy methylethly acetate
221.	Methoxy propanol acetate (1-methoxy-2-propanol Acetate)
222.	Methoxy propyl acetate
223.	Methoxybutanol
224.	Methoxymethyl isocyanate
225.	Methoxypropanol
226.	Methyl acetate
227.	Methyl acetylene
228.	Methyl acrylate
229.	Methyl allyl chloride
230.	Methyl amyl ketone
231.	Methyl butanol
232.	Methyl butane
233.	Methyl butyraldehyde
234.	Methyl butyrate
235.	Methyl caproate (Methyl hexanoate)
236.	Methyl Ethyl Ketone (MEK)
237.	Methyl formate
238.	Methyl heptenone
239.	Methyl hexanone (Methyl isoamyl ketone)
240.	Methyl isobutyl carbinol
241.	Methyl isobutyl ketone (Methyl pentanone)
242.	Methyl isopropenyl ketone
243.	Methyl isovalerate
244.	Methyl magnesium bromide
245.	Methyl methacrylate monomer
246.	Methyl methoxypropionate
247.	Methyl methylbutyrate
248.	Methyl propionate
249.	Methyl propyl ketone
250.	Methylal
251.	3-Methylbutan-2-one
252.	Methyldichlorosilane
253.	Methylfluoride (Fluoromethane)

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
254.	2-Methylfuran
255.	n-methylmorpholine
256.	Methylpentadiene
257.	1-Methylpiperidine
258.	Methyltetrahydrofuran
259.	Methyltriethoxysilane
260.	Methyltrimethoxysilane
261.	Nitriles
262.	Nitrocellulose, wetted [with not less than 25% water, by mass]
263.	Nitroglycerin mixture, desensitized, liquid, with not more than 30% nitroglycerin, by mass
264.	Nitroglycerin mixture, desensitized, solid, with more than 2% but not more than 10% nitroglycerin, by mass
265.	Nitroglycerin solution in alcohol, more than 1% but not more than 5% nitroglycerin
266.	Nitroglycerin solution in alcohol, not more than 1% nitroglycerin
267.	Nitroguanidine, wetted [with not less than 20% water, by mass]
268.	Nitromethane
269.	1-Nitropropane (Nitropropane)
270.	p-Nitrosodimethylaniline
271.	Nitrostarch, wetted [with not less than 20% water, by mass]
272.	Octamethyltrisiloxane
273.	Octanal (Aldehyde C8)
274.	Pentaborane
275.	Pentanol
276.	Pentyl acetate
277.	1,1,1,3,3-pentafluorobutane (Pentafluorobutane)
278.	Phosphorus heptasulfide
279.	Phosphorus pentasulfide
280.	Phosphorus sesquisulfide
281.	Phosphorus trisulfide
282.	Phosphorus
283.	Potassium or Potassium alloys
284.	Potassium borohydride
285.	Potassium dithionite (Potassium hydrosulfite)

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
286.	Potassium sodium alloys
287.	Potassium sulfide
288.	Prenyl acetate
289.	Propadiene
290.	Propane
291.	Propanethiol
292.	n-Propanol
293.	Propionyl chloride
294.	n-Propyl acetate
295.	Propyl butyrate
296.	Propyl chloride
297.	Propyl formate
298.	Propylene
299.	Propylene glycol monoethyl ether
300.	Propylene glycol monomethyl ether
301.	Propylene glycol monomethyl ether acetate
302.	n-Propyl nitrate
303.	Propylene oxide
304.	Propyleneimine
305.	Pyridine
306.	Pyrrolidine
307.	Rubidium
308.	Silanes
309.	Silver picrate
310.	Sodium
311.	Sodium aluminum hydride
312.	Sodium borohydride
313.	Sodium dinitro-o-cresolate, wetted [with not less than 15% water, by mass]
314.	Sodium dithionite (Sodium hydrosulfite)
315.	Sodium ethylate
316.	Sodium hydride
317.	Sodium hydrosulfide
318.	Sodium methylate
319.	Sodium picramate, wetted [with not less than 20% water, by mass]
320.	Sodium sulfide

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
321.	Strontium
322.	Terpineol
323.	Tetraethyl orthosilicate
324.	Tetraethylsilicate
325.	Tetrafluoroethylene
326.	Tetrahydrofuran
327.	1,2,3,6-Tetrahydropyridine
328.	Tetrahydrothiophene
329.	Tetrakis (dimethylamino) hafnium
330.	Tetrakis (dimethylamino) titanium
331.	Tetramethylsilane
332.	Thioacetic acid
333.	Thiophene
334.	Thiourea dioxide
335.	Tifluoromethyl propanol
336.	Titanium hydride
337.	Titanium powder
338.	Titanium trichloride
339.	Tributylphosphane
340.	Triethylboron
341.	Triethyl borate
342.	Triethyl silane
343.	1,1,1-Trifluoroethane
344.	Triisopropyl borate
345.	Trimethyl gallium
346.	Trimethyl borate
347.	Trimethyl silane
348.	Trinitrobenzene, wetted [with not less than 30% water, by mass]
349.	Trinitrobenzoic acid, wetted [with not less than 30% water, by mass]
350.	Trinitrophenol, wetted [with not less than 30% water, by mass]
351.	Trinitrotoluene, wetted [with not less than 30% water, by mass]
352.	Tris(isopropylcyclopentadienyl) Lanthanum
353.	Urea nitrate, wetted [with not less than 20% water, by mass]
354.	Vinyl acetate
355.	Vinyl acetylene

FOURTH SCHEDULE — *continued*

<i>S/N</i>	<i>Flammable Materials</i>
356.	Vinyl bromide
357.	Vinyl butyrate
358.	Vinyl chloride
359.	Vinyl fluoride
360.	Vinylidene chloride
361.	Vinyltrimethoxysilane
362.	Xanthates
363.	Zinc powder or Zinc dust
364.	Zirconium hydride
365.	Zirconium picramate, wetted [with not less than 20% water, by mass]
366.	Zirconium powder”.

[G.N. Nos. S 546/2013; S 552/2013]

Made this 11th day of March 2014.

TAN TEE HOW
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Ministry of Home Affairs,
Singapore.*

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