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

**FIRE SAFETY
(PETROLEUM AND FLAMMABLE MATERIALS —
EXEMPTION) (AMENDMENT)
ORDER 2013**

In exercise of the powers conferred by section 53 of the Fire Safety Act, the Minister for Home Affairs hereby makes the following Order:

Citation and commencement

1. This Order may be cited as the Fire Safety (Petroleum and Flammable Materials — Exemption) (Amendment) Order 2013 and shall come into operation on 1st September 2013.

Amendment of paragraph 2

2. Paragraph 2(1) of the Fire Safety (Petroleum and Flammable Materials — Exemption) Order (O 4) (referred to in this Order as the principal Order) is amended by deleting the definitions of “Class III petroleum” and “cylinder” and substituting the following definitions:

“ “Class III petroleum” and “cylinder” have the same meanings, respectively as in regulation 2(1) of the Fire Safety (Petroleum and Flammable Materials) Regulations (Rg 7);”.

New paragraph 7

3. The principal Order is amended by inserting, immediately after paragraph 6, the following paragraph:

“Exemption for requirement for dispensing to be in or on licensed premises

7. For the avoidance of doubt, the dispensing of petroleum or flammable material in or on any premises shall be exempt from

the requirements that dispensing be carried out in or on licensed premises and in accordance with the provisions of the storage licence for the licensed premises and the conditions specified therein (under section 36(a) and (b) of the Act, respectively) if, throughout the duration of that dispensing, the storage or keeping of petroleum and flammable materials in or on those premises remains exempt from the requirement for a licence under section 35 of the Act and the Fire Safety (Petroleum and Flammable Materials) Regulations.”.

Amendment of First Schedule

4. The First Schedule to the principal Order is amended by deleting the words “200 L” in paragraph 2(a) under the heading “*Class III petroleum*” and substituting the words “1,500 L”.

Deletion and substitution of Second Schedule

5. The Second Schedule to the principal Order is deleted and the following Schedule substituted therefor:

“SECOND SCHEDULE

Paragraph 4(1)

QUANTITIES OF FLAMMABLE MATERIAL NOT REQUIRING STORAGE LICENCE

S/N	Flammable Materials	General manufacturing, etc., purpose	Medical or laboratory purpose
1.	Acetal	20 L	20 L
2.	Acetone	20 L	20 L
3.	Acetyl chloride	20 L	20 L
4.	Acetylene	10 kg	10 kg
5.	Aldehydes	20 L	20 L
6.	Allyl acetate	20 L	20 L
7.	Allyl bromide	20 L	20 L
8.	Allyl chloride	20 L	20 L
9.	Allyl formate	20 L	20 L
10.	Allyl iodide	20 L	20 L
11.	Aluminium alkyl halides	0	0

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
12.	Aluminium alkyl hydrides	0	0
13.	Aluminium alkyls	0	0
14.	Aluminium borohydride	0	0
15.	Aluminium carbide	0	0
16.	Aluminium ferrosilicon powder	0	5 kg
17.	Aluminium hydride	0	5 kg
18.	Aluminium powder, uncoated	0	10 kg
19.	Amines	20 L	20 L
20.	2-Amino-4,6-Dinitrophenol, wetted [with not less than 20% water, by mass]	0	0
21.	Ammonium picrate	0	0
22.	Amyl chloride	20 L	20 L
23.	Amyl nitrite	20 L	20 L
24.	Azodicarbonamide	0	0
25.	Barium	0	5 kg
26.	Barium azide, wetted [with not less than 50% water, by mass]	0	0
27.	Benzotrifluoride	20 L	20 L
28.	Boron trifluoride dimethyl etherate	0	0
29.	1-Bromobutane	20 L	20 L
30.	Bromomethylpropane	20 L	20 L
31.	2-Bromopentane	20 L	20 L
32.	Bromopropanes	20 L	20 L
33.	3-Bromopropyne	20 L	20 L
34.	Bromotrifluoroethylene	0	0
35.	Butadienes	0	0
36.	Butanedione	20 L	20 L
37.	Butane	0	0
38.	Butanol	20 L	20 L
39.	Butene	0	0

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
40.	Butyl acetate	20 L	20 L
41.	n-Butyl formate	20 L	20 L
42.	Tert-Butyl hypochlorite	0	0
43.	Butyl nitrites	20 L	20 L
44.	1,2-Butylene oxide	20 L	20 L
45.	Butyryl chloride	20 L	20 L
46.	Calcium	0	0
47.	Calcium carbide	2 kg	2 kg
48.	Calcium dithionite (Calcium hydrosulfite)	0	0
49.	Calcium hydride	0	5 kg
50.	Calcium or Calcium alloys	0	5 kg
51.	Calcium silicide	0	5 kg
52.	Carbon disulfide	0	10 L
53.	Cerium	0	0
54.	Cesium (Caesium)	0	0
55.	Chlorobutane	20 L	20 L
56.	2-Chloropropane	20 L	20 L
57.	2-Chloropropene	20 L	20 L
58.	Chlorosilanes, except — Hexachlorodisilane Phenyltrichlorosilane Tetrachlorosilane	20 L	20 L
59.	Compressed Natural Gas (CNG)	0	0
60.	Cyclobutane	0	0
61.	Cyclopropane	0	0
62.	Decaborane	0	0
63.	Deuterium	0	0
64.	1,2-Di-(dimethylamino)ethane	20 L	20 L
65.	Diacetone alcohol	20 L	20 L
66.	1,1-Dichloroethane	20 L	20 L

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
67.	1,2-Dichloroethylene	20 L	20 L
68.	1,2-Dichloropropane	20 L	20 L
69.	Dichloropropene	20 L	20 L
70.	Diethoxymethane	20 L	20 L
71.	3,3-Diethoxypropene	20 L	20 L
72.	Diethyl sulfide	0	0
73.	Diethylzinc	0	0
74.	2,3-Dihydropyran	20 L	20 L
75.	1,2-Dimethoxyethane	20 L	20 L
76.	1,1-Dimethoxyethane	20 L	20 L
77.	Dimethyl carbonate	20 L	20 L
78.	Dimethyl disulfide	20 L	20 L
79.	Dimethyl sulfide	20 L	20 L
80.	2,3-Dimethylbutane	20 L	20 L
81.	Dimethylcyclohexane	20 L	20 L
82.	Dimethyldiethoxysilane	20 L	20 L
83.	Dimethyldioxane	20 L	20 L
84.	2,2-Dimethylpropane	0	0
85.	Dimethylzinc	0	0
86.	Dinitrophenol, wetted [with not less than 15% water, by mass]	0	0
87.	Dinitrophenolates, wetted [with not less than 15% water, by mass]	0	0
88.	Dinitroresorcinol, wetted [with not less than 15% water, by mass]	0	0
89.	Dioxane	20 L	20 L
90.	Dioxolane	20 L	20 L
91.	Dipicryl sulfide	0	0
92.	Esters	20 L	20 L
93.	Ethane	0	0
94.	Ethanol	20 L	20 L
95.	Ethers	2.5 L	2.5 L

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
96.	Ethyl acetate	20 L	20 L
97.	Ethyl acrylate	20 L	20 L
98.	Ethyl borate	20 L	20 L
99.	Ethyl chloride	0	0
100.	Ethyl crotonate	20 L	20 L
101.	Ethyl formate	20 L	20 L
102.	Ethyl isobutyrate	20 L	20 L
103.	Ethyl methacrylate	20 L	20 L
104.	Ethyl nitrite	20 L	20 L
105.	Ethyl propionate	20 L	20 L
106.	Ethylacetylene	0	0
107.	Ethylbenzene	20 L	20 L
108.	Ethylchlorosilane	0	0
109.	Ethylene	0	0
110.	1-Ethylpiperidine	20 L	20 L
111.	Ferrocenium	0	0
112.	Fluorobenzene	20 L	20 L
113.	Fluorotoluene	20 L	20 L
114.	Furan	20 L	20 L
115.	Hafnium powder	0	0
116.	Hexadiene	20 L	20 L
117.	Hexamethyleneimine	20 L	20 L
118.	Hydrogen	0	0
119.	2-Iodobutane	20 L	20 L
120.	Iodomethylpropane	20 L	20 L
121.	Isobutyl acetate	20 L	20 L
122.	Isobutyl formate	20 L	20 L
123.	Isobutyryl chloride	20 L	20 L
124.	Isoprene	20 L	20 L
125.	Isopropanol (Isopropyl alcohol)	20 L	20 L
126.	Isopropenyl acetate	20 L	20 L

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
127.	Isopropyl acetate	20 L	20 L
128.	Isopropyl isobutyrate	20 L	20 L
129.	Isopropyl nitrate	20 L	20 L
130.	Isopropyl propionate	20 L	20 L
131.	Lead phosphite, dibasic	0	0
132.	Lithium	0	0
133.	Lithium alkyls	0	0
134.	Lithium aluminum hydride	0	5 kg
135.	Lithium borohydride	0	5 kg
136.	Lithium ferrosilicon	0	5 kg
137.	Lithium hydride	0	5 kg
138.	Lithium nitride	0	0
139.	Lithium silicon	0	0
140.	Magnesium alkyls	0	0
141.	Magnesium diamide	0	0
142.	Magnesium diphenyl	0	0
143.	Magnesium hydride	0	0
144.	Magnesium or Magnesium alloys	5 kg	10 kg
145.	Magnesium silicide	0	0
146.	Methane	0	0
147.	Methanol	20 L	20 L
148.	Methyl acetate	20 L	20 L
149.	Methyl acetylene	0	0
150.	Methyl acrylate	20 L	20 L
151.	Methyl allyl chloride	20 L	20 L
152.	Methyl butane	20 L	20 L
153.	Methyl butyrate	20 L	20 L
154.	Methyl Ethyl Ketone (MEK)	20 L	20 L
155.	Methyl formate	20 L	20 L
156.	Methyl isovalerate	20 L	20 L
157.	Methyl magnesium bromide	0	0

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
158.	Methyl methacrylate monomer	20 L	20 L
159.	Methyl propionate	20 L	20 L
160.	Methylal	20 L	20 L
161.	3-Methylbutan-2-one	20 L	20 L
162.	Methyldichlorosilane	0	0
163.	2-Methylfuran	20 L	20 L
164.	n-methylmorpholine	20 L	20 L
165.	Methylpentadiene	20 L	20 L
166.	1-Methylpiperidine	20 L	20 L
167.	Methyltetrahydrofuran	20 L	20 L
168.	Nitriles	20 L	20 L
169.	Nitrocellulose, wetted [with not less than 25% water, by mass]	0	0
170.	Nitroguanidine, wetted [with not less than 20% water, by mass]	0	0
171.	Nitromethane	20 L	20 L
172.	p-Nitrosodimethylaniline	0	0
173.	Nitrostarch, wetted [with not less than 20% water, by mass]	0	0
174.	Pentaborane	0	0
175.	Pentanol	20 L	20 L
176.	Phosphorus heptasulfide	0	0
177.	Phosphorus pentasulfide	0	5 kg
178.	Phosphorus sesquisulfide	0	5 kg
179.	Phosphorus trisulfide	0	0
180.	Phosphorus	0	5 kg
181.	Potassium or Potassium alloys	0	5 kg
182.	Potassium borohydride	0	5 kg
183.	Potassium dithionite (Potassium hydrosulfite)	0	0
184.	Potassium sodium alloys	0	0
185.	Potassium sulfide	25 kg	25 kg

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
186.	Propadiene	0	0
187.	Propane	0	0
188.	Propanethiol	20 L	20 L
189.	n-Propanol	20 L	20 L
190.	Propionyl chloride	20 L	20 L
191.	n-Propyl acetate	20 L	20 L
192.	Propyl chloride	20 L	20 L
193.	Propyl formate	20 L	20 L
194.	Propylene	0	0
195.	n-Propyl nitrate	20 L	20 L
196.	Propylene oxide	20 L	20 L
197.	Propyleneimine	20 L	20 L
198.	Pyridine	20 L	20 L
199.	Pyrrolidine	20 L	20 L
200.	Rubidium	0	0
201.	Silane	0	0
202.	Silver picrate	0	0
203.	Sodium	0	5 kg
204.	Sodium aluminum hydride	0	0
205.	Sodium borohydride	0	5 kg
206.	Sodium dinitro-o-cresolate, wetted [with not less than 15% water, by mass]	0	0
207.	Sodium dithionite (Sodium hydrosulfite)	0	0
208.	Sodium hydride	0	0
209.	Sodium hydrosulfide	50 kg	50 kg
210.	Sodium methylate	0	0
211.	Sodium picramate, wetted [with not less than 20% water, by mass]	0	0
212.	Sodium sulfide	25 kg	25 kg
213.	Strontium	0	5 kg

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
214.	Tetrahydrofuran	20 L	20 L
215.	1,2,3,6-Tetrahydropyridine	20 L	20 L
216.	Tetrahydrothiophene	20 L	20 L
217.	Tetramethylsilane	20 L	20 L
218.	Thioacetic acid	20 L	20 L
219.	Thiophene	20 L	20 L
220.	Thiourea dioxide	0	0
221.	Titanium hydride	0	5 kg
222.	Titanium powder	0	0
223.	Titanium trichloride	0	0
224.	Tributylphosphane	0	0
225.	Triisopropyl borate	20 L	20 L
226.	Trimethyl borate	20 L	20 L
227.	Trinitrobenzene, wetted [with not less than 30% water, by mass]	0	0
228.	Trinitrobenzoic acid, wetted [with not less than 30% water, by mass]	0	0
229.	Trinitrophenol, wetted [with not less than 30% water, by mass]	0	0
230.	Trinitrotoluene, wetted [with not less than 30% water, by mass]	0	0
231.	Urea nitrate, wetted [with not less than 20% water, by mass]	0	0
232.	Vinyl acetate	20 L	20 L
233.	Vinyl acetylene	0	0
234.	Vinyl bromide	0	0
235.	Vinyl butyrate	20 L	20 L
236.	Vinyl chloride	0	0
237.	Vinyl fluoride	0	0
238.	Vinylidene chloride	20 L	20 L
239.	Xanthalates	0	0
240.	Zinc powder or Zinc dust	10 kg	10 kg

<i>S/N</i>	<i>Flammable Materials</i>	<i>General manufacturing, etc., purpose</i>	<i>Medical or laboratory purpose</i>
241.	Zirconium hydride	0	5 kg
242.	Zirconium picramate, wetted [with not less than 20% water, by mass]	0	0
243.	Zirconium powder	0	5 kg

Made this 23rd day of August 2013.

TAN TEE HOW
*Permanent Secretary,
Ministry of Home Affairs,
Singapore.*

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