

# INDEX

## PART A : PETROLEUM ACT

CHAPTER	CONTENTS	PAGE NO.
<b>01</b>	<b>THE PETROLEUM ACT, 1934 : PRELIMINARY</b>	<b>1</b>
	Chapter-I : CONTROL OVER PETROLEUM	2
	Chapter-II : THE TESTING OF PETROLEUM	5
	Chapter-III : PENALTIES AND PROCEDURE	8
	Chapter-IV : SUPPLEMENTAL	10
<b>02</b>	<b>THE PETROLEUM (AMENDMENT) RULES, 2007</b>	<b>11</b>
	Chapter-I : PRELIMINARY	11
	Chapter-II : IMPORTATION OF PETROLEUM	16
	Part-I General	16
	Part-II Importation by Sea	16
	Part-III Importation by Land	19
	Chapter-III : TRANSPORT OF PETROLEUM	19
	Part-I General	19
	Part-II Transport by Water	20
	Part-III Cost wise Transport of Petroleum Class 'A' otherwise Than in Bulk	25
	Part-IV Transport on land by vehicles	27
	Part-V Transport by Pipelines	33
	Chapter-IV : ELECTRICAL INSTALLATION	36
	Chapter-V : STORAGE OF PETROLEUM REQUIRING LICENCE	39
	Rule 126 Testing of Tanks	41
	Rule 130 Certificate of Safety	42
	Chapter-VI : STORAGE OF PETROLEUM CLASS 'C' NOT REQUIRING A LICENCE	44
	Chapter-VII : LICENCES	45
	Chapter-VIII : REFINING OF PETROLEUM	50
	Chapter-IX : TETRA ETHYL LEAD MIXTURES	54
	Chapter-X : TESTING OF PETROLEUM	54
	Chapter-XI : NOTICE OF ACCIDENT	58
	Chapter-XII : EXEMPTION	58
	<b>First Schedule -</b>	<b>59</b>
	<b>Second Schedule -</b>	<b>60</b>
	Form IX – Application for a grant/amendment/ renewal / transfer of a licence to import and store petroleum	66
	Table of distances for Storage Tanks	80
	<b>Third Schedule -</b> Design and construction of Tank vehicle for transporting petroleum in bulk	94
	<b>Forth Schedule -</b> Extent of hazardous area	97
	<b>Fifth Schedule -</b> Methods of testing viscous or solid forms of petroleum	103
<b>03</b>	<b>THE CALCIUM CARBIDE RULES, 1987</b>	<b>104</b>
	Chapter-I : PRELIMINARY	104
	Chapter-II : GENERAL PROVISION	105

CHAPTER	CONTENTS	PAGE NO.
	Chapter-III : IMPORTATION OF CARBIDE	106
	Part-I General	106
	Part-II Importation by Sea	106
	Part-III Importation by Land	107
	Part-IV Importation by Air	107
	Chapter-IV : TRANSPORTATION OF CARBIDE	107
	Chapter-V : STORAGE OF CARBIDE	108
	Chapter-VI : LICENCES	109
	Chapter-VII: NOTICE OF ACCIDENT	114
	Chapter-VIII: EXEMPTION	114
	<b>Schedules</b>	<b>114</b>
<b>04</b>	<b>THE CINEMATOGRAPH FILM RULES, 1948</b>	<b>121</b>
	Chapter-I : PRELIMINARY	121
	Chapter-II : TRANSPORT OF FILM	122
	Chapter-III : STORAGE OF FILM	123
	Chapter-IV : LICENCES	125
<b>05</b>	<b>CHECK LIST OF M/S T&amp;ATSPL FOR RULES 126 &amp; 130</b>	<b>129</b>

## PART B: EXPLOSIVE ACT

<b>06</b>	<b>THE EXPLOSIVE ACT 1884</b>	<b>131</b>
<b>07</b>	<b>THE STATIC &amp; MOBILE PRESSURE VESSELS (UNFIRED) RULES 1981</b>	<b>140</b>
	Chapter-I : PRELIMINARY	140
	Chapter-II : Construction & Fitments of Pressure Vessels	144
	Rule 18 – Periodic testing of Safety Relief Valves	145
	Rule 19 – Periodic testing of pressure vessels in service	148
	Chapter-III : STORAGE	151
	Rule 22 – Locations of Pressure Vessels (Distance Tables)	152
	Rule 33 – Certificate of Safety	161
	Chapter-IV : TRANSPORT	166
	Chapter-V : LICENCES	168
	Chapter-VI : EXEMPTION	173
	Chapter-VII : ACCIDENTS & INJURIES	173
	Chapter-VII : POWERS	174
	Form I - Application for the grant, amendment or renewal of a licence to store compressed gas in vessel or vessels.	181
<b>08</b>	<b>THE GAS CYLINDERS RULES, 2004</b>	<b>192</b>
	Chapter-I : PRELIMINARY	192
	Chapter-II : GENERAL PROVISION	195
	Chapter-III : IMPORTATION OF CYLINDERS	202
	Part-I General	202

CHAPTER	CONTENTS	PAGE NO.
	Part-II Importation by Sea	202
	Part-III Importation by Land	203
	Part-IV Importation by Air	203
	Chapter-IV : EXAMINATION & TESTING OF CYLINDERS	203
	Chapter-V : DISSOLVED ACETYLENE GAS CYLINDERS	204
	Chapter-VI : FILLING AND POSSESSION	205
	Chapter-VII : EXEMPTION	210
	Chapter-VIII : ACCIDENTS & INQUIRIES	210
	Chapter-IX : POWERS	211
	<b>Schedule I</b> - Types And Standards of Cylinders And Valves	212
	<b>Schedule IV</b> - Facilities Required for Cylinder Testing Stations	217
	<b>Form B</b> - Application for the Grant / Amendment of a licence to import cylinders	223
	<b>Form C</b> - Application for the grant / Amendment / Renewal of a licence to fill and / or store Compressed Gas In Cylinders:	223
<b>09</b>	<b>CHECK LIST OF M/S T&amp;ATSPL FOR SMPV RULES</b>	<b>234</b>
	RULES 18	234
	RULES 19	235
	RULES 33	238

### **PART C: MISCELLANEOUS**

<b>10</b>	<b>SAFETY IN DESIGN &amp; INSTALLATION OF STORAGE TANKS</b>	<b>243</b>
<b>11</b>	<b>SAFETY IN DESIGN &amp; INSTALLATION OF PRESSURE VESSELS</b>	<b>258</b>
<b>12</b>	<b>GENERAL VESSEL FORMULA &amp; MATERIAL SELECTION GUIDE &amp; ALLOWABLE STRESS VALUES OF COMMONLY USED MATERIALS</b>	<b>263</b>
<b>13</b>	<b>STAGE WISE &amp; FINAL INSPECTION OF FABRICATED EQUIPMENTS</b>	<b>273</b>
<b>14</b>	<b>NON DESTRUCTIVE TESTING TECHNIQUES</b>	<b>276</b>
<b>15</b>	<b>LIST OF OISD STANDARDS</b>	<b>283</b>
<b>16</b>	<b>LIST OF OTHER APPLICABLE STANDARDS</b>	<b>286</b>
<b>17</b>	<b>FORMULAE FOR PERIMETERS / CIRCUMFERENCE, AREA OF PLANE FIGURES &amp; CONVERSION TABLES</b>	<b>289</b>
<b>18</b>	<b>DIFFERENT CLASS OF PETROLEUM PRODUCTS WITH FLASH POINT</b>	<b>296</b>