

## Automist Smartscan Hydra Compliance to BS 8458

The table below helps readers understand how Automist complies with the applicable clauses of BS 8458 and where to find further details in this [DIOM](#):

BS 8458 Clause		Automist	
Section	Sub Section	Compliant	Detail
1 - Scope		Alternative	<a href="#">See DIOM page 11</a>
2 - Normative references		n/a	n/a
3 - Terms and definitions		n/a	n/a
4 - Preliminary work and consultation	4.1 - Initial consultations	Yes	<a href="#">See DIOM page 14</a>
	4.2 - Consultation	Yes	<a href="#">See DIOM page 14</a>
	4.3 - Category of system	Yes	<a href="#">See DIOM page 16</a>
	4.4 - Cylinder-based systems	n/a	n/a
	4.5 - Use of watermist systems as a compensatory feature	Yes	<a href="#">See DIOM page 18</a>
	4.6 - Special circumstances	Yes	<a href="#">See DIOM page 16</a>
5 - System actuation		Alternative	<a href="#">See DIOM page 11</a>
6 - Design	6.1 - Fire tests	Yes	<a href="#">See DIOM page 23</a>
	6.2 - Limits of application	Yes	<a href="#">See DIOM page 23</a>
	6.3 - System design	Alternative	<a href="#">See DIOM page 23 and page 25</a>
	6.4 - Extent of watermist system protection	Yes	<a href="#">See DIOM page 24</a>
	6.5 - Hydraulic calculations	Yes	<a href="#">See DIOM page 35</a>
	6.6 - Discharge performance	Yes	<a href="#">See DIOM page 35</a>
	6.7 - Discharge duration	Yes	<a href="#">See DIOM page 35</a>
	6.8 - Water supplies	Alternative	<a href="#">See DIOM page 36</a>
	6.9 - Backflow prevention	Yes	<a href="#">See DIOM page 37</a>
	6.10 - Watermist nozzle coverage and location	Alternative	<a href="#">See DIOM page 25 and page 37</a>
	6.11 - Components	Alternative	<a href="#">See DIOM page 40</a>
	6.12 - Electrical design and installation	Yes	<a href="#">See DIOM page 54</a>
	6.13 - Additives	Yes	<a href="#">See DIOM page 54</a>
7 - Installation, commissioning, and documentation	7.1 - Installation	Yes	<a href="#">See DIOM page 56</a>
	7.2 - Commissioning	Yes	<a href="#">See DIOM page 77</a>
	7.3 - Documentation	Yes	<a href="#">See DIOM page 87</a>
	7.4 - System data label	Alternative	<a href="#">See DIOM page 85</a>
8 - Maintenance	8.1 - Inspecting and testing after commissioning and whilst in service	Yes	<a href="#">See DIOM page 94</a>
	8.2 - Reinstatement of the system	Yes	<a href="#">See DIOM page 94</a>
	8.3 - Logbook	Alternative	<a href="#">See DIOM page 84</a>

For additional information, please refer to the Plumis Due Diligence [Knowledge Base](#) or contact the Plumis technical team on [technical@plumis.co.uk](mailto:technical@plumis.co.uk)