



DEVELOPER SERVICES

Technical & Regulation Team

Information request
Storage tanks:
Information form
(External Version)

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1.0 Reason for completion:

This form has been sent because at least one storage tank (cistern) is being installed on the plumbing system.

[Note - A separate form should be completed for each tank and the location identified in the plumbing system.]

Please complete ALL sections and do not leave blank. Missing or inaccurate information affects our network assessment regarding water availability, and in turn may affect the operation of the tank infill rate or pipe connection size.

Section A: Site details

1.	What is your site address ?	<div style="border: 2px solid blue; width: 90%; height: 100%; margin: 0 auto;"></div> <div style="border: 2px solid blue; width: 20%; height: 20px; margin: 0 auto;"></div>	After completion, proceed to question 2a.
		DS reference number	

Section B: Tank Purpose

2a.	What will the tank be used for ?	<input type="checkbox"/> Domestic use only <input type="checkbox"/> Dedicated Fire / sprinkler use only* <input type="checkbox"/> Combined fire AND domestic use	Tick one box. If 'dedicated fire / sprinkler use only' then proceed to question 2b. Otherwise proceed to question 3a.
2b.	<i>If dedicated fire / sprinkler only:</i> Type of system	<input type="checkbox"/> Single fed fire system <input type="checkbox"/> Dual fed fire system	Tick one box, then proceed to question 3a.

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Section C: Flow & Pressure Test results

3a.	Have you completed a flow & pressure test ?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Tick one box. If 'yes', proceed to question 3b. If 'no', proceed to question 4a.
3b.	Are the results attached ?	<input type="checkbox"/> Yes <input type="checkbox"/> No* <i>*Note – we must verify any test results first to confirm whether any work we were carrying out in the vicinity has affected the results.</i>	Tick one box. If 'yes', proceed to question 4a.

The results will help your fire protection company design an appropriate system for the building use.

Section D: Type of tank

4a.	Type of installation	<input type="checkbox"/> Single tank only <input type="checkbox"/> Sectional tank	If 'single tank only', proceed to question 4b. If 'sectional tank', proceed to question 4c.
4b.	<i>Single tank only:</i> Tank capacity	<input style="width: 300px; height: 30px;" type="text"/> Litres	Proceed to question 5.
4c.	<i>Sectional tank only:</i> How many sections?	<input style="width: 60px; height: 30px;" type="text"/>	Proceed to question 4d.
4d.	<i>Sectional tank only:</i> Total tank capacity	<input style="width: 300px; height: 30px;" type="text"/> Litres	Proceed to question 5.

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Section E : Inlet valves

5.	How many inlet valves in total ?	<input type="text"/> In total	Proceed to question 6.
6.	Inlet control valve size	<input type="text"/> mm	Proceed to question 7.
7.	Inlet control valve type	<input type="checkbox"/> Ball valve / float valve <input type="checkbox"/> Delayed action valve* <i>*Note – refer to the latest version of our guidance 'DGN EXTERNAL – Delayed Action Valves'</i>	<p>If a 'ball valve / float valve', proceed to question 10.</p> <p>If a 'delayed action valve'. Proceed to question 8.</p>
8.	<i>Delayed action valve only:</i> Control valve manufacturer	<input type="text"/>	Proceed to question 9.
9.	<i>Delayed action valve only:</i> Control valve model	<input type="text"/>	Proceed to question 10.

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Section F : Storage capacity

10.	What is your storage capacity ?	<input type="checkbox"/> Full capacity storage* <input type="checkbox"/> Reduced capacity storage* <i>*Note – refer to the latest version of our document 'DGN EXTERNAL – Fire Suppression – Non-domestic'</i>	Proceed to question 11.
11.	Tank inlet pressure	<input type="checkbox"/> This has been considered based on the results obtained from Section B of this form. <i>Tick declaration.</i> <input type="text"/> Bar <input type="text"/> Metres head	Proceed to question 12.
12.	Initial tank fill time from empty	<input type="text"/> Hours <input type="text"/> Minutes <i>*Note – refer to the latest version of BSEN 12845</i>	Proceed to question 13.
13.	Typical daily operating range	<input type="text"/> % min <input type="text"/> % max	Proceed to question 14.

Section G : Requested pipe size

14.	What is your requested pipe size ?	<input type="text"/> mm <i>*Note – sizing for domestic consumption based on loading units (BSEN 806:3), as published in the current version of our 'Charging Arrangements'.</i>	If the supply is for 'domestic use only', proceed to question 14. Otherwise proceed to question 15.
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Your designer should consider water efficiency throughout the whole building. This may allow environmental discounts to be applied to the cost of the quotation.

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Section H : Fire / sprinkler usage statement

We do not guarantee any flow or pressure being available during activation of a fire suppression system, as cited under sections 52 & 55 of the Water Industry Act 1991. Expected flow rates for the sprinkler system should be considered by the fire system designer against the amount of storage required.

Thames Water do not take any responsibility for failure of a fire suppression system due to the lack of water being drawn through the connection pipe.

15.	Fire use statement	<input type="checkbox"/> The above statements have been read and understood. <i>Tick box.</i>	Tick box, then proceed to question 16.
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Section I : Supporting information checklist

16.	Checklist	<input type="checkbox"/> Flow & pressure test results <input type="checkbox"/> Tank location drawing <input type="checkbox"/> Tank sizing calculations	Tick boxes as appropriate, then proceed to Section J.
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Section J : Declaration

I declare that the information is correct to the best of my knowledge and accept that any missing information may hold up the quotation.

Signed		Name (printed)	
Job Role		Company	
Date			

This form should be returned to developer.services@thameswater.co.uk along with the supporting information.