

Flushing & Chemical Cleaning Document Reviews

This checklist details items that can be discussed and reviewed to ensure that the pipework flushing, and cleaning works are specified, planned, and implemented correctly.

List of Reviews

Ref	Check	Yes/No	Notes
1	Will the new installation be integrated into an existing system, or will it be a new independent standalone system?		
2	How will the system be pressurized to ensure no air can enter?		
3	What are the expected handover requirements/processes to the building owner/operator?		
4	What guidelines should be used and referenced to ensure the works are completed in line with an industry-standard?		
5	What method of cleaning is to be used – 100% to drain or use side stream filters, sand filters etc to conserve water?		
6	Will there be a requirement for any licenses to discharge the flushing water to drain?		
7	Is there an existing water treatment company working within the building for		

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	the client that should be specified to complete the chemical works?		
8	Once the flushing has been completed, what will the time period be until handover?		
9	Will the system need to be maintained by the project after completing flushing, if so, what will need to be completed?		
10	What are the expectations with the chemicals being used?		
11	Is there any pipework in the system larger than 300mm, if is what will the method be for cleaning?		
12	Is the system allowed to be flushed via the permanent system pumps, if are then what is the requirement after flushing has been completed? Do the pumps need to be inspected and serviced?		
13	If the system pumps are not allowed to be used and temporary pumps are required, who is responsible to supply and install them?		
14	The size of pumps that are required, are they available on the market for rental?		
15	Will there be enough space in the project to install the temporary pumps?		

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16	How will the temporary pumps be powered, temporary supplies, or permanent?		
17	Will there be enough power available if using temporary electrical supplies for the pumps?		
18	What is the requirement with regards to the provision of flushing loops?		
19	What is the requirement with regards to the maximum dead leg allowed?		
20	Will there be mains water available for filling, venting, and flushing activities?		
21	What is the expected minimum mains water supply size needed?		
22	Will the drainage be ready and connected to the mains at the time of flushing?		
23	What is the expected minimum drainage size needed?		
24	What is the final system quality testing requirement?		
25	What is the final system documentation requirement?		

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