



### Template Programme TP03 - Domestic Water Plant Room

Activity ID	Activity Description	Predecessors / Comments
TP03-01	Domestic water P/room (DWP) Av. for commencement	Identification of the commencement date. Plinths constructed and painted. Walls built, access available, area dry and free of debris etc.
TP03-02	DWP Basement supply ductwork	Supply air ductwork common to all basement plant rooms. It would be beneficial if this was installed prior to delivery of water storage tanks in instances where it has to be installed above them.
TP03-03	DWP Basement extract ductwork	Extract ductwork common to all basement plant rooms. It would be beneficial if this was installed prior to delivery of water storage tanks in instances where it has to be installed above them.
TP03-04	Deliver & assemble domestic water storage tank	Provided by the public health contractor's supplier. Could be delivered in sections or as a single unit, depending on the logistics and timing of delivery. Could be delivered and positioned prior to the public health contractors commencement on site. Requires a concrete base prior to assembly. Alternatively, could be formed as part of the concrete structure with a specialist waterproof lining.
TP03-05	Deliver & position domestic water booster set	Provided by the public health contractor's supplier. Main plant for pumping the domestic water around the building. Generally the booster set comprises of all pumps & plant attached to a single metal framework called a 'skid'. Doesn't usually require a plinth.
TP03-06	DWP Deliver and position sump pumps	Provided by the public health contractor's supplier. These pumps will be installed in a pit that collects the basement waste water. From where it is pumped to the sewer and drainage connection plant room on level B1. The pumps usually come pre-wired with a length of cable attached. This cable is then inserted through a duct to the control panel location. There is likely to be more than one set of sump pumps located within the basement.
TP03-07	Domestic water plant room pipework & valves	Main installation works within the plant room. Pipework and control valves linking the storage tanks via the booster set to the outgoing domestic mains water pipework. Requires the tanks and booster set delivered and assembled prior to commencement.
TP03-08	Deliver and position sump pump control panels	Generally delivered with the pumps and installed adjacent to the location of the sump pit. Needs to be interfaced with the BMS.
TP03-09	Incoming domestic water mains P/work connections	This refers to the final pipework link and connection onto the storage tank from the incoming water mains on level B1 intake room.
TP03-10	Test domestic water plant room pipework	Follows the domestic water pipework completion. Could be deferred until the entire basement pipework is complete, depending on the co-ordination requirements of other M&E services.
TP03-11	Domestic water plant room pipework trace heating	Generally the incoming and outgoing mains are trace heated. Works carried out by the public health contractor once the pipework has been successfully tested.
TP03-12	Domestic water plant wiring & terminations	Requires booster set / control panels and pipework / valves installed prior to commencement. Works carried out by the public health contractor.
TP03-13	Domestic water plant room pipework insulation	Will not commence until the pipework has been tested and trace heated (where required).
TP03-14	DWP BMS interface connections	Requires the public health contractor to have his control panels and control valves installed. The BMS 1st fix would form part of a general installation of the whole floor.
TP03-15	Domestic water P/room control interfaces Comp	Signifies that the domestic water plant, control and BMS wiring and associated control panels are all terminated and available for testing / commissioning.

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Activity ID	Activity Description	Predecessors / Comments
TP03-16	DWP LV containment	Installed by the electrical contractor. Containment for the LV cables (installed from a LV switch room) that supply the booster set and sump pump control panels that are provided and installed by the public health contractor. Generally the electrical installation will be the lowest M&E service and is therefore dependant on the pipework completion.
TP03-17	Riser Domestic water pipework complete & tested	Progress identification milestone for the domestic water pipework.
TP03-18	Domestic water plant room water supply available	Required for filling the storage tanks, but not critical because they could be filled by other means if necessary.
TP03-19	DWP LV cable terminations	Carried out by the electrical contractor. Refers to termination of the LV cables into the control panels that are provided and installed by other contractors. The actual LV cable installation will form part of a separate LV electrical switch room template programme. This LV cable termination activity will be a successor to that cable installation.

General Notes:

- 1 To be read in conjunction with the Basement Level B3 Plant Room Layout