

Activity ID	Description	Duration	WEEK																																		
			-1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
General On-floor Activities																																					
TP09-01	High level foul drainage pipework	3w																																			
TP09-02	High level extract air ductwork	4w																																			
TP09-03	High level supply air ductwork	4w																																			
TP09-04	Sprinkler range pipework	4w																																			
TP09-05	Fire alarm 1st fix	4w																																			
TP09-06	Lighting & power 1st fix	8w																																			
TP09-07	BMS 1st fix	5w																																			
TP09-08	Security 1st fix	4w																																			
TP09-09	Supply air ductwork insulation	3w																																			
TP09-10	Fire alarm final fix devices	3w																																			
TP09-11	Lighting & power final fix	6w																																			
TP09-12	Security final fix devices	3w																																			
TP09-13	De-snagging works by all trades	6w																																			

Template Programme TP09 - General On-floor Activities

Overview

General on-floor activities can be used as an alternative to the separate identification of particular activities within various "areas" of a floor "level". For example, every plant room and corridor is going to require lighting and power, but is there a need to separately identify it in each of those "areas" if it is not part of the main co-ordinated string of activities. By identifying it once only in the general on-floor activities it can then be assumed that it refers to the entire floor level. Lighting and power could still be identified as a separate activity in a particular "area" if for some reason (like access) it was necessary to do so. General on-floor activities are also useful to bridge the gaps in an individual trade's summarisation of your programme in order to identify a continuity of their work.

They need to indicate a realistic commencement date, i.e. don't show them as starting in week one if there is nowhere for them to actually commence their works. Also be aware that they need to be able to commence their works on the date indicated by the notice to proceed that you will issue to them.

There is going to be an element of co-ordination regarding the installation of these services, but different trades should be able to work in the same "areas" simultaneously. This should be determined on the CSD (Co-ordinated Services Drawing) Programme. It should not be assumed that the general on-floor activities include plant items - for instance supply or extract fans within the ductwork. In instances where plant items exist outside of specific plant rooms then they should be identified as separate items in the general on-floor activities list.

The general on-floor activities can differ from floor level to floor level, and they should always be the highest subject of your organisation.

The durations and number of visits of general on-floor activities will be determined by their co-ordinated installation sequence i.e. highest service first etc. The durations and number of visits will also be determined by their co-ordination with the construction trades. For instance, in a car park "area" there is likely to be a lot of space within which the services can be co-ordinated in a manner where there is little or no inter-dependencies. Meaning that those services do not have to commence at the earliest opportunity, and the work could actually be carried out when resources become available following the completion of more urgent tasks.

However, on a floor level where there are walls and ceilings to be constructed the durations and number of visits of the services will need to be co-ordinated with the construction work. Obviously if this was not straightforward, or the floor level could not be divided into separate general on-floor areas then individual detailed "areas" would need defining.

Activity ID	Activity Description	Predecessors / Comments
TP09-01	High level drainage pipework	Drainage pipework is generally the highest service. It connects to and from gullies that are fitted into the slab of the floor above, and drains at an fall to a riser. In order to achieve this other high level services are co-ordinated around it. Generally there would not be a great deal of drainage pipework (depending on the purpose of the floor above) so it would be possible for other trades to commence at the same time. Plant rooms always contain drainage gullies
TP09-02	High level extract air ductwork	Will contain more work content than the drainage and could commence at the same time or before the drainage (unless there are gullies directly above the ductwork location). Alternatively it could commence before the drainage on a separate floor level.
TP09-03	High level supply air ductwork	Could be installed either before or after the extract ductwork, depending on any co-ordination requirements with other trades. If the supply air ductwork follows the same route as the extract ductwork then they would be installed together.
TP09-04	Sprinkler range pipework	May need to be installed ahead of the ductwork in instances where it has to pass above wide sections of it. The sprinkler range pipework will also (like the ductwork) contain a higher work content than the drainage. Therefore it may be a good idea to commence the sprinkler range pipework in a separate "area" to the drainage, particularly if there are likely to be co-ordination issues between the trades.
TP09-05	Fire alarm 1st fix	Needs to allow the mechanical and ventilation contractors to have a good head start (unless there are likely to be co-ordination issues), otherwise it is extremely likely that the fire alarm cabling will incur damage. This can be as a result of items such as fire alarm, BMS and security routes not being specifically indicated on the CSD's. The 1st fix installation work consists of all cabling and terminations and the fitting of break glasses, detector bases and sounders. The fire alarm interfaces with the plant items will be identified within those respective plant room "areas".

TP09-06	Lighting & power 1st fix	Could be started earlier, particularly in car park "areas". The 1st fix installation work consists of all trunking and conduit containment, fitting of distribution boards, all associated wiring and terminations of accessories and ceiling roses. It would also include the primary trunking containment routes for the BMS and security installations if it was in the scope of the electrical contractors works to do so.
TP09-07	BMS 1st fix	The 1st fix installation work consists of all local containment (assuming that the electrical contractor is installing the primary links between plant rooms and risers), the installation of control panels (even if they do not contain the actual controls) and all associated cabling. The BMS interfaces with the plant items will be identified within those respective plant room "areas".
TP09-08	Security 1st fix	The 1st fix installation work consists of all local containment (assuming that the electrical contractor is installing the primary links between plant rooms, staircases and risers), the installation of control panels (even if they do not contain the actual controls) and all associated cabling. There may be a requirement for another separate activity to interface with the installation of the doors, if the door installation does not co-coincide with either the 1st or final fix activities.
TP09-09	Supply air ductwork insulation	Would follow the successful testing of the ductwork.
TP09-10	Fire alarm final fix devices	Refers to the fire alarm detectors - which would only be installed in a clean, safe and dust free environment.
TP09-11	Lighting & power final fix	Refers to the installation of luminaires, signs and final accessory cover plates.
TP09-12	Security final fix devices	Refers to access buttons, door locks and cameras - which would only be installed in a clean, safe and dust free environment.
TP09-13	De-snagging works by all trades	self-explanatory needs to be included on the programme to keep people focused.