

# Engineering Services Planning

## Fire & Voice Alarm Commissioning Progress Schedule

The fire & voice alarm commissioning progress schedule provides progress performance of the mass repetitive fire & voice alarm commissioning aspects of a commissioning programme. These are the commissioning activities that recur for each zone of the fire & voice alarm system.

This schedule provides a graphical portrayal for senior management / director's review without the need for a written report, and will provide an accurate appraisal of sub-contractor performance.

The pale blue bars on page 2 indicate the periods when each activity occurs as dictated by the commissioning programme. Each pale blue bar has a percentage weighting, which is relevant to the number of times that particular activity has to be carried out during each programmed week.

When a "Progress Week Number" is inserted (into the grey cell) the programmed "Progress Week Ending" date automatically changes to represent that programme week ending date, and the cells associated with the planned performance change to red.

On the right-hand side of the schedule the "Planned %" figure of the "% Completion to Date" column will indicate what the planned percentage is in relation to the percentage weighting on that date. The weighting may not be the same for each week ending, so the "Planned %" provides an accurate appraisal of the programmed work, and not a cumulative equal division of the amount of work.

The progress values for this schedule are simply a percentage of the number of times each particular activity occurred relative to its planned week number.

When the actual progress of a particular activity has been determined its percentage complete value needs to be inputted into the schedule. If "100" is entered, that cell will change colour to green to indicate its "Completion". Any values entered up to "100" will change the cell to yellow to signify its "Ongoing" progress.

The "Actual %" will automatically calculate itself in relation to the percentage weighting to that date. If progress is entered to activities that are in advance of the "Progress Week Ending" the schedule will still function accordingly and include them in the "% Completion to Date".

Page 3 indicates the progress at "Week Number" 11. Progress values have been inserted to indicate the functionality of the schedule, which includes the "Planned" and "Actual" performance of each activity.

Comments regarding the six activities can be inserted at the bottom of the schedule and an overview of the "Global Commissioning" has been included in this particular example.

### Fire & Voice Alarm Commissioning Progress Schedule

Progress Week Ending		Week Endings																																							
Progress Week Number																																									
Programmed Completion		26-Aug-05	02-Sep-05	09-Sep-05	16-Sep-05	23-Sep-05	30-Sep-05	07-Oct-05	14-Oct-05	21-Oct-05	28-Oct-05	04-Nov-05	11-Nov-05	18-Nov-05	25-Nov-05	02-Dec-05	09-Dec-05	16-Dec-05	23-Dec-05	30-Dec-05	06-Jan-06	13-Jan-06	20-Jan-06	27-Jan-06	03-Feb-06	10-Feb-06	17-Feb-06	24-Feb-06	03-Mar-06	10-Mar-06	17-Mar-06	24-Mar-06	31-Mar-06								
Ongoing Progress %																																									
Actual Completion																																									
Week Numbers		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	% Complete to Date							
1	Power on to FA panels																																			Planned %	0 %				
																																					Actual %	0 %			
2	Load software / Run diagnostic checks																																				Planned %	0 %			
																																						Actual %	0 %		
3	Smoke test devices / Interface tests																																					Planned %	0 %		
																																							Actual %	0 %	
4	DS demonstration / Sign off																																						Planned %	0 %	
																																							Actual %	0 %	
5	Test voice alarms / Sound levels																																							Planned %	0 %
																																								Actual %	0 %
6	Test FA panels on battery																																							Planned %	0 %
																																								Actual %	0 %

Global Commissioning	Week Numbers																																						
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32																				
In-house testing of Low-rise plant modes																																							
In-house testing of C&E security doors																																							
In-house testing of C&E sprinkler flow tampers																																							
In-house testing of High-rise plant modes																																							
In-house testing of C&E lift interfaces																																							
Witness global C&E to witnessing team																																							
Witness global C&E to DS																																							

**Comments**

- 1 Power on to FA panels
- 2 Load software / Run diagnostic checks
- 3 Smoke test devices / Interface tests
- 4 DS demonstration / Sign off
- 5 Test voice alarms / Sound levels
- 6 Test FA panels on battery

