

**COMMISSIONING CHECKLIST - F108** Issue 6 17-08-17

106710

Site Name: Southern Gate Unit 1

Job no: J30465

Engineer: Tony Tucker

Date: 27/04/18

**NOTE: This list details the key points of commissioning and is not exhaustive. The guidance provided in BS5839: Part 1 2013 and SFA engineer training MUST be followed at all times.**

**Cable test results for loops (supplied by installers):**

Circuit	+ to +	- to -	Screen to Screen	Screen to Earth
Loop 1	2.2	2.2	2.1	n/a
Loop 2				
Loop 3				
Loop 4				

<b><u>Drawing information:</u></b>	<b>DONE</b>	<b>NOT DONE (inc. Reason)</b>	<b>N/A</b>
Drws updated to reflect actual installed system?	✗		
Device ID's on drawings?	✗		
Isolators on drawings?	✗		
Bell circuit &/or zone EOL's on drawings?			✗
Zone boundaries and YOU ARE HERE on drawings?	✗		
Interface units on drws + detail of connected plant?	✗		
Sounder dB's on drawings?	✗		

<b><u>Labels &amp; Signage:</u></b>	<b>DONE</b>	<b>NOT DONE (inc. Reason)</b>	<b>N/A</b>
Battery install date stickers fitted?	✗		
External sounder signage 'FIRE ALARM' fitted?			✗
Fuse spur labelled 'FIRE ALARM DO NOT ISOLATE'?	✗		
Fuse board labelled 'WARNING THIS SWITCH ALSO CONTROLS SUPPLY TO THE FIRE ALARM SYSTEM'?	✗		
Supply to door retainers labelled?			✗
Circuit to FAP labelled 'FIRE ALARM - DO NOT ISOLATE'?	✗		
SFA stickers fitted?	✗		

<b><u>Installation Checkoff:</u></b>	<b>DONE</b>	<b>NOT DONE (inc. Reason)</b>	<b>N/A</b>
Correct type of fuse spur been fitted?	✗		
Correct fuse fitted? (Typically 5amp)	✗		
Cable idents on panel cabling?	✗		
Callpoint covers fitted?			✗
Evidence of metal cable fixings used?	✗		

<b><u>Testing:</u></b>	<b>DONE</b>	<b>NOT DONE (inc. reason)</b>	<b>N/A</b>
All sensors tested for correct operation?	✗		
All interfaces to 3rd party equip. tested for correct operation?	✗		
Was 3rd party equipment complete at time of commissioning?	✗		
If unconnected to 3rd party equip. has field cabling been left?	✗		
All cause & effect as per project spec tested & confirmed?	✗		
System connected to ARC & tested for correct operation?			✗
ARC details provided to customer?			✗
URN in place?			✗
Battery backup supply confirmed as detailed in project spec?	✗		

<b><u>Battery information:</u></b>							
(S) Standby time req. in hours:	S= 24	(Q) Panel total quiscent load:	Q= 0.148	(TQ) Total quiscent:	SxQ= 3.552	(A) Panel Alarm Load:	A= 0.225
(TA) Total Alarm Load:	Ax0.5= 0.113	(TL) Total combined load:	TQ + TA = 3.665	Min battery size req. inc. derating factor:	TL x 1.25 = 4.6	Battery size fitted:	7
<b><u>Miscellaneous:</u></b>		FITTED	LEFT ON SITE	OFFICE	IN JOB ENV.	OTHER	N/A
Frame location for zone chart?				X			
Autodialler?							X
Chip for dialler?							X
				YES	NO	N/A	ADDITIONAL INFO:
Has the phone line for monitoring been installed?						X	
If yes, please note landline number:							

<b><u>Emergency Assistance WC Alarm Installation</u></b>		DONE	NOT DONE (inc. reason)	N/A
Pull cord as close to a wall as possible ?				X
Pull cord reachable from the WC ?				X
Is pull cord reachable from the floor close to the WC ?				X
Are the pull cord rings positioned 1 x 100mm from floor ?				X
Are the pull cord rings positioned 1 x 800-1000mm from floor ?				X
Is the reset button located within reach of the WC ?				X
Is the reset button located not greater 1200mm from the floor ?				X
Is the emerg indicator installed in a visably outside the WC ?				X
Is the alarm indication present at the remote ind panel/master control ?				X

<b><u>System Demo:</u></b>		DONE	NOT DONE (inc. reason)	N/A
Has system demo been carried out to end user?				X

<b><u>Documentation:</u></b>	DONE	NOT DONE (inc. reason)	N/A	RESPONSIBILITY	OFFICE USE
Panel operation manual passed to client?	X				
Zone information / plan passed to client?			X		
Design Certificate F71	X				
Installation Certificate F76	X				
Commissioning Certificate F06	X				
Acceptance Certificate F105	X				
Completion Certificate F115			X		
System Demonstration Form F157			X		
EVC Installation Certificate F160			X		
EVC Commissioning Certificate F120	X				
EVC Acceptance Certificate F161	X				
BS5839 Part 6 Grade B Certificate F164			X		
BAFE Modular			X		
O/st works label (L06) on job env complete?			X		

<b><u>Additional Information / Notes:</u></b>

**Isolation procedure**

n/a

**Interfaces**

	<b>Panel/Loop Address</b>	<b>Third Party Plant Connected To</b>	<b>Interface Location</b>
1	1003	Front Door access control	above door
2	1017	Lift shut down	2nd floor adj lift doors
3			
4			
5			
6			
7			
8			
9			
10			

**OFFICE USE ONLY**

	<b>YES</b>	<b>DATE SENT</b>	<b>EXPECTED RTN DATE</b>	<b>NO</b>	<b>N/A</b>
As fitted' drawings been sent to CAD?					
Zone plan drawings been sent to CAD?					