

Level	Damper Number	System	Existing Damper Type	Mounting Type	Size (mm)	Access for inspection and Drop Test	Damper fully open -blades free to close	Orientation and Airflow direction OK	Damper in line of barrier; Casing square & true	Break-away Detail Correct	Flanges correctly sized and attached	Firesal Packing Correct	Penetration Detail Correct	Comments	Duct Condition	Action	Fire Damper	Smoke Damper	Vertical/Horizontal	Stage
2	FD-G3-2	AHU 10-8	Curtain	Duct to Grille	400 x 300	Y	Y	Y	Y	Y	Y	Y	Y	Fire damper compliant	Existing	NIL	Y	N	V	
2	FD-G4-1	AHU 10-2	Curtain	Duct to Grille	400 x 300	Y	Y	Y	Y	Y	Y	Y	Y	Fire damper compliant	Existing	NIL	Y	N	V	
2	FD-G4-2	AHU 10-2	Curtain	Duct to Grille	400 x 300	Y	Y	Y	Y	Y	Y	Y	Y	Fire damper compliant	Existing	NIL	Y	N	V	
2	FD-G4-3	AHU 10-8	Bladed	Duct to Grille	450 x 200	Y	Y	Y	Y	Y	Y	Y	Y	Fire damper compliant / NOTE: Access via strong Room only, manager approval required for Room entry	Existing	NIL	Y	N	V	
2	FD-G5-2	AHU 10-6 S/A	?	Duct to Grille	400 x 300	N	N	N	N	N	N	N	N	No access panel, unable to access damper	Existing	Replace with new compliant fire damper	Y	N	V	4
2	FD-G7-1	TEF	?	Duct to Grille	250 x 300	N	N	N	N	Y	N	N	N	Unable to drop test due to blocked access panel / Angles are not twice the width of gap / Large open gaps above and beside duct	Existing	New combined fire and smoke damper	Y	Y	V	4
2	FD-G7-2	TEF	?	Duct to Grille	300 x 300	N	N	N	N	N	N	N	N	No access panel, no access in shaft, duct goes into sealed shaft / No mesh to hold fire-spray on, spray is starting to fall off /	Existing	Replace with new compliant fire damper	Y	N	V	4
2	FD-G7-3	PR 10 RA From Riser B1	Curtain	Duct to Grille	2650x800	Y	N	N	N	N	N	N	N	Access via male bathroom / Fire damper blades removed, will be charged at day labour.	Existing	Replace with new compliant fire damper	Y	N	V	4
2	FD-G7-4	PR 10 RA From Riser B2	Curtain		1950 x 850									No Damper installed?	Existing	Replace with new compliant fire damper	Y	N	V	4
2	FD-G7-5	PR 10 RA From Riser B1	Motorised Bladed	Duct to Grille	2650x800	N	N	N	N	N	N	N	N	Duct between FD-G7-5 and FD-G7-3 is sprayed / Fire spray in toilet riser non compliant	Existing	New combined fire and smoke damper	Y	Y	V	4
2	FD-G7-6	PR 10 RA from Riser B2	Motorised Bladed	Duct to Grille	1200 x 1300	Y	Y	Y	Y	Y	Y	N	N	Insufficient rockwool, large big gap above duct	Existing	New combined fire and smoke damper	Y	Y	V	4
2	FD-G7-7	AHU 10-2 R/A to Riser B1	Motorised Bladed	-	800 x 400	-	-	-	-	-	-	-	-	-	Existing	New combined fire and smoke damper	Y	Y	V	4
2	FD-G7-8	AHU 10-8 R/A to Riser B2	Motorised Bladed		1000x550										Replaced	New combined fire and smoke damper	Y	Y	V	4
2	FD-G7-10	AHU 10-3 R/A			1100 x 800										New	New fire damper	Y	N	V	4
3	FD-G7-11	AHU 10-3 R/A			1100 x 800										New	New combined fire and smoke damper	Y	Y	H	4
2	FD-G7-7A	Level 2 Return Air	Curtain	Duct to Grille		Y	N	Y	N	N	N	N	N	Duct work not shown on plan / Angles not sealed against the wall / Mortar hard up against damper	Demolished	Demolish existing fire damper and fire seal penetration				4
2	FD-G7-8A	Unknown	Curtain	Duct to Grille		Y	N	Y	N	N	N	N	N	Duct work not shown on plan / Inconsistent angle pieces attached / Gaps above duct work	Demolished	Demolish existing fire damper and fire seal penetration				4
2	FD-G7-9	Unknown	Curtain	Duct to Grille		Y	Y	Y	N	N	N	N	N	Duct work not shown on plan / Inconsistent angle pieces attached / Gaps above duct work	Replaced	New combined fire and smoke damper	Y	Y	V	4
2	FD-H5-3	AHU 10-2	Curtain	Duct to Grille	500 x 600	Y	Y	N	Y	N	N	N	N	Angles not twice the width of gaps / Mortar hiding defects around duct	Existing	Make existing damper compliant	Y	N	V	4
2	FD-H5-4	AHU 10-5	Curtain	Duct to Grille	1200 x 300	Y	Y	Y	Y	N	N	N	N	No rockwool present / Large gaps around duct	Existing	Make existing damper compliant	Y	N	V	4
2	FD-H5-5	PR10 Wet air exhaust	Curtain		325x350										New	New fire damper	Y	N	V	2
2	SD-H6-1	PR10 RA from Riser B1	Motorised Bladed		2300 x 800											New smoke damper	N	Y	V	4
2	SD-H6-2	AHU 10-5 Smoke Spill	Motorised Bladed		1750 x 450											New smoke damper	N	Y	V	4
2	FD-K5-2	PR 10 Relief Air			2000 x 2000									No rockwool packing	Existing	New combined fire and smoke damper	Y	Y	V	4
2	FD-K5-3	AHU 10-1 S/A	Curtain	Duct to Grille	600 x 400	Y	Y	Y	Y	Y	N	Y	Y	Angles not sealed against wall properly / NOTE: Damper access is in the plant room	Existing	Make existing damper compliant	Y	N	V	4
2	FD-K5-4	AHU 10-3 S/A	Curtain	Duct to Grille	1100 x 600	N	Y	Y	Y	Y	N	N	N	Access panel too small / Angles not twice the width of gap	Existing	Make existing damper compliant	Y	N	V	4
2	FD-K5-5	Unknown	Motorised Bladed	Duct to Grille	1800 x 1000	Y	Y	N	N	N	N	N	N	Air flow direction might not be correct, need to confirm with manufacturer / No rear angles / Damper has fallen out of wall / Shares penetration with damper FD-K5-6	Demolished	Demolish existing fire damper and fire seal penetration				4
2	FD-K5-6	Unknown	Motorised Bladed	Duct to Grille	1800 x 1000	Y	Y	N	N	N	N	N	N	Air flow direction might not be correct, need to confirm with manufacturer / No rear angles / Damper has fallen out of wall / Incorrectly installed steel lintel / Shares penetration with damper FD-K5-5	Demolished	Demolish existing fire damper and fire seal penetration				4
2	FD-K5-7		Bladed	Duct to Grille	800 x 800	Y	Y	Y	Y	Y	Y	N	Y	No rockwool present / NOTE: In slab damper	Demolished	Demolish existing fire damper and fire seal penetration				
2	FD-K5-8	R/A from Riser C	Motorised Bladed		950 x 1450										New	New combined fire and smoke damper	Y	Y		2
2	FD-K5-9	Computer Room Smoke Clearance			750 x 700										New	New combined fire and smoke damper	N	Y	V	2

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2	FD-K7-2	AHU 10-3 S/A	Curtain	Duct to Grille	1150 x 650	Y	Y	Y	Y	Y	N	Y	Y	Angles not sealed against the wall / NOTE: Access is in the Main Plant Room	Replaced	New Fire Damper	Y	N	V		4
2	FD-K7-3	AHU 10-4 S/A	Curtain	Duct to Grille	650 x 600	Y	Y	Y	Y	Y	N	N	Y	Angles are not twice the width of the gap / Insufficient fireseal / NOTE: Access via riser from hallway	Replaced	Make existing damper compliant	Y	N	V		4
2	FD-K7-4	OAF 10-1	Curtain	Duct to Grille	2200 x 2000	Y	Y	Y	Y	Y	Y	Y	Y	Compliant. NOTE: Access is in the Main Plant Room	Replaced	New combined fire and smoke damper	Y	Y	V		4
2	FD-K7-6	AHU 10-7 S/A			1050 x 560										New	New Fire Damper	Y	N	V		4
2	FD-K7-6	AHU 10-10/11-0/A			2400 x 650										New	New combined fire and smoke damper	Y	Y	V		2
2	FD-M5-1	AHU 10-6 S/A	Curtain	Duct to Grille	650 x 300	Y	Y	Y	Y	Y	N	N	N	Appears to be a new damper, angles not twice the width of gap / Floor surrounding brick / Brick work sitting on top of duct / No lintel	Existing	Make existing damper compliant	Y	N	V		4
2	FD-M7-1		N/A	Duct to Grille	700 x 700	N	N	N	N	Y	N	N	N	Angles not twice the width of gap / Mortar packed around gaps / No lintel present / NOTE: Main access to Duct is via Server Room	Existing	Replace with new compliant fire damper	Y	N	V		4
2	FD-M7-2	AHU 10-3 R/A	N/A	Duct to Grille	880 x 580	N	N	N	N	Y	N	N	N	Unable to inspect damper, Angles not twice the width of gap / Existing large penetration filled with mortar / No lintel present	Replaced	Replace with new compliant fire damper	Y	N	V		4
2	FD-M7-3	N/A	Curtain	Duct to Grille	800 x 800	Y	N	N	N	N	N	N	N	No fire damper, damper closed, penetration has cables running through with damper	Investigate	Demolish decommissioned fire damper	Y	N	V		4
2	FD-M7-3A	?	Duct to Grille		800 x 300	N	N	N	N	N	N	N	N	High level damper, no available access from level 2, difficult access from level 1 riser / No angles / Open gaps all the way around duct / If redundant damper, to be removed accordingly	Investigate	Demolish existing fire damper and fire seal penetration	Y	N	V		4
2	FD-M7-4	Unknown	Intumescent	Duct to Grille	150 mm dia	Y	Y	Y	Y	N/A	Y	Y	Y	Angles are dynabolled to wall, fire damper compliant / NOTE: Access via floor in server room	Investigate	NIL	Y	N	V		
2	FD-M7-5	Unknown	Intumescent	Duct to Grille	150 mm dia	Y	Y	Y	Y	N/A	Y	Y	Y	Angles are dynabolled to wall, fire damper compliant / NOTE: Access via floor in server room	Investigate	NIL	Y	N	V		
2	FD-M7-6	Unknown	Intumescent	Duct to Grille	150 mm dia	Y	Y	Y	Y	N/A	Y	Y	Y	Angles are dynabolled to wall, fire damper compliant / NOTE: Access via floor in server room	Investigate	NIL	Y	N	V		
2	FD-M7-9	AHU 7-1	Curtain	Duct to Grille	150 x 400	Y	N	N	N	N	N	N	N	Old damper no longer in use, couldn't count it as decommissioned / No rockwool / Shares penetration with cables / NOTE: Access via floor in server room	Investigate	Replace with new compliant fire damper	Y	N	V		
2	FD-P5-1	AHU 10-7 R/A	-	-	-	-	-	-	-	-	-	-	-	-	Investigate	Make existing damper compliant	Y	N	V		
2	FD-P7-1	SEF	N/A	Duct to Grille	1200 x 800	Y	N	N	N	N	N	N	N	Volume control damper installed in place of Fire damper / Requires new fire damper/ Low Level	Demolished	Demolish existing fire damper and fire seal penetration					3
2	FD-P7-2	R/A Riser H to PR 10	curtain	Duct to Grille	1200 x 900	Y	N	N	N	N	N	N	N	Angles not twice the width of gap, no break away	Existing	New combined fire and smoke damper	Y	Y	V		3
2	FD-P9-1	AHU 11-1 S/A	-	-	700 x 350	-	-	-	-	-	-	-	-	No Fire Damper Installed. Not a fire wall	Demolished	Demolish existing fire damper					3
2	FD-Q5-1	AHU 11-1	Curtain	Duct to Grille	1050 x 600	Y	Y	Y	Y	Y	N	Y	N	Some angles not twice the width of gap / Lots of surrounding pipes and cables will make rectification difficult	Demolished	Demolish existing fire damper and fire seal penetration					3
2	FD-Q5-2	OAF 11-1	Curtain	Duct to Grille	1400 x 825	Y	Y	Y	Y	N	N	N	N	Angles not twice the width of gap	Replaced	New combined fire and smoke damper	Y	Y	V		3
2	FD-Q5-3	AHU 11-4 S/A	Curtain	Duct to Grille	750 x 260	Y	Y	Y	Y	Y	Y	N	N	Angles not twice the width of gap	Replaced	New combined fire and smoke damper	Y	Y	V		3
2	FD-Q5-4	DH-11-1 Wet Air Exhaust	Curtain	-	275 x 250	-	-	-	-	-	-	-	-		New	New combined fire and smoke damper	Y	Y	V		3
2	FD-Q7-1	Riser H1 to PR 10	?	Duct to Grille	1800 x 600	N	N	N	N	N	N	N	N	Access via catwalks, need ductwork above on duct work is covering damper / Very large duct work, due to inability to access, budget price provided	Existing	Replace with new compliant fire damper	Y	N	V		3
2	FD-Q7-2	Riser H1 to PR 10	?	Duct to Grille	800 x 800	N	N	N	N	N	N	N	N	No access panel, no break away	Existing	New combined fire and smoke damper	Y	Y	V		3
2	FD-Q7-3	PLTRM 11 RA	Curtain	Duct to Grille	800 x 1200	Y	N	N	N	N	N	N	N	Damper failed drop test / Damper slipped inside duct work / Open gap above duct work / Sprayed on one side of duct/ NOTE: Access via Male Bathroom	Existing	Replace with new compliant fire damper	Y	N	V		3
2	FD-Q7-4	AHU 11-4 R/A	N/A	Duct to Grille	1700 x 500	Y	N	N	N	N	N	N	N	No Fire damper present, requires fire damper as per Fire Separation Plan / Optional solution would be to fire spray the duct	Existing	New combined fire and smoke damper	Y	Y	V		3
2	FD-Q7-5	Smoke Exhaust L2 Stacks	?	Duct to Grille	1500 x 900	Y	N	N	N	N	N	N	N		Demolished	Demolish existing fire damper and fire seal penetration					3
2	FD-Q7-6	Smoke Exhaust			1500 x 700										New	New combined fire and smoke damper	Y	Y	V		3
2	FD-R7-1	TEF	Curtain	Duct to Grille	600 x 300	N	N	N	N	N	N	N	N	Angles not flush with wall / No side wall / NOTE: Access via male bathroom	Existing	Make existing damper compliant	Y	N	V		3
2	FD-R7-2	TEF	?	Duct to Grille	350 x 350	N	N	N	N	N	N	N	N	No access panel / No access in shaft / No mesh to hold fire-spray on, spray is starting to fall off	Existing	New combined fire and smoke damper	Y	Y	V		3

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
1	90% DESIGN DEVELOPMENT	EL	AP	AP	20.05.19	
A	TENDER	EL	AP	AP	21.06.19	
B	TENDER	EL	AP	AP	17.07.19	
C	L2 UPDATES	AS	AP	AP	04.04.22	



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