





Fire Damper PPM

Engineer Checksheet


Fire Damper No:	FD # 1	Site:	Sample Report
AHU No / System ID:	EAF/X/B09	System Type:	EF - Extract Fan
Location Reference:	First Floor - South (Blue) - Zone 2 - Inside STORE / AHU PLANT ROOM # AHU/1/01	Access Method inc Height:	Safe access on 8/10 tred steps
Access Panel to DW144:	Yes	Access Panel Size (mm):	200x200 AP
Description of Location & Access Notes:	Damper located high level (visible on open ceiling) - Location illustrated on drawing ref # UK1-DR-M50102-2-AS (Mechanical Services Ventilation Layout First Floor Zone 2)		
Damper Type/Series:	BSB Engineering Services Ltd FD Series Curtain Fire Damper	Vertical or Horizontal:	Vertical
Damper Mode of Operation:	BSB Engineering Services Ltd - Standard Link (LS) - Mechanical/Straight Bar Fusible Link	Damper Duct Shape & Size (mm):	300x300 sq duct
Installation Arrangement (in accordance with BESA DW/145):	*DW/145 Method 4 - Pre-formed opening in Vertical dry-lining barrier complete with factory fitted damper face plate		
Location Reference:			Damper as found:
			
			
Drop test and Reset:			Observations:
Fire Barrier/Compartment Condition:	Satisfactory - No signs of damage or gaps	Cleanliness & Hygiene:	Clean
Action Taken:	Drop Test & Reset		
Service Result:	PASS		
Damper Defect(s):	n/a		
Remedial Notes:	n/a		
Engineer:	SN		
Date:	01 January 2021		

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Fire Damper No:	MFSD/X/047	Site:	Sample Report
AHU No / System ID:	EAF/X/B03	System Type:	EF - Extract Fan
Location Reference:	First Floor - North (Green) - Zone 1 - Corridor COR/1/12 - Above BATTERY ROOM 4A	Access Method inc Height:	Safe access on 8/10 tred steps
Access Panel to DW144:	Yes	Access Panel Size (mm):	160 spiral AP
Description of Location & Access Notes:	Damper located high level (visible on open ceiling) - Location illustrated on drawing ref # UK1-DR-M50102-1-AS (Mechanical Services Ventilation Layout First Floor Zone 1)		
Damper Type/Series:	BSB Engineering Services Ltd FSDTD Series Motorised MultiBlade FireSmoke Damper with Actuator	Vertical or Horizontal:	Vertical
Damper Mode of Operation:	BSB Engineering Services Ltd - PM230-TF - 230V AC Motor - Electrical Thermal Release (ETR) and/or local fuse spur	Damper Duct Shape & Size (mm):	160 circular duct
Installation Arrangement (in accordance with BESA DW/145):	*DW/145 Method 4 - Pre-formed opening in Vertical dry-lining barrier complete with factory fitted damper face plate		
Location Reference:		Damper as found:	
 			
Drop test and Reset:		Observations:	
 			
Fire Barrier/Compartment Condition:	Satisfactory - No signs of damage or gaps	Cleanliness & Hygiene:	Clean
Action Taken:	Drop Test & Reset		
Service Result:	PASS		
Damper Defect(s):	n/a		
Remedial Notes:	n/a		
Engineer:	SN		
Date:	01 January 2021		

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Fire Damper No:	FD # 4	Site:	Sample Report
AHU No / System ID:	AHU No.3 - GENERAL / DAY THEATRE SUPPLY - Fire Damper Control Panel No.1 / Zone 2	System Type:	GSA - General Supply Air
Location Reference:	LBH - Level 6 - Plantroom 2 - Near West side entrance door	Access Method inc Height:	Safe low level access
Access Panel to DW144:	Yes	Access Panel Size (mm):	14x8" AP
Description of Location & Access Notes:	Damper located low level - Visible on open floor in plant area		
Damper Type/Series:	Discontinued.ActionAir FireShield Stainless Steel Curtain Fire Damper	Vertical or Horizontal:	Horizontal
Damper Mode of Operation:	ActionAir 101/201/301 Series - Mechanical/Straight Bar Fusible Link (Discontinued product) - 72 degree fusible link	Damper Duct Shape & Size (mm):	500x500 sq duct
Installation Arrangement (in accordance with BESA DW/145):	DW/145 Method 1 - Blades OUT of Airstream suitable for vertical and horizontal fire barriers with pre-formed openings (with sleeve)		
Location Reference:			Damper as found:
			
			
Drop test and Reset:		Observations:	
			
			
Fire Barrier/Compartment Condition:	Satisfactory - No signs of damage or gaps	Cleanliness & Hygiene:	Clean
Action Taken:	Cleaned, Drop Test & Reset		
Service Result:	PASS		
Damper Defect(s):	n/a		
Remedial Notes:	n/a		
Engineer:	SN		
Date:	01 January 2021		

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Fire Damper No:	FD # 25	Site:	Sample Report
AHU No / System ID:	AHU No.7 - ATRIUM ZONE WARD CLEAN EXTRACT	System Type:	GEA - General Extract Air
Location Reference:	LBH - Level 6 - Plantroom 2 - West side - Between AHU 2 & 3	Access Method inc Height:	Safe low level access
Access Panel to DW144:	Yes	Access Panel Size (mm):	8x4.5" AP
Description of Location & Access Notes:	Damper located low level - Visible on open floor in plant area		
Damper Type/Series:	Discontinued.ActionAir FireShield Stainless Steel Curtain Fire Damper	Vertical or Horizontal:	Horizontal
Damper Mode of Operation:	ActionAir 101/201/301 Series - Mechanical/Straight Bar Fusible Link (Discontinued product) - 72 degree fusible link	Damper Duct Shape & Size (mm):	300x150 sq duct
Installation Arrangement (in accordance with BESA DW/145):	DW/145 Method 1 - Blades OUT of Airstream suitable for vertical and horizontal fire barriers with pre-formed openings (with sleeve)		
Location Reference:			Damper as found:
			
			
Drop test and Reset:			Observations:
			
Fire Barrier/Compartment Condition:	Satisfactory - No signs of damage or gaps	Cleanliness & Hygiene:	Dirty
Action Taken:	Cleansed, Drop Test & Reset		
Service Result:	ADVISORY		
Damper Defect(s):	A04: Ductwork highly contaminated with dirt – Duct clean recommended		
Remedial Notes:	n/a		
Engineer:	SN		
Date:	01 January 2021		

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Engineer Checksheet

Fire Damper No:	FD # 64	Site:	Sample Report
AHU No / System ID:	AHU?? - GENRAL DAY THEATRE EXTRACT	System Type:	GEA - General Extract Air
Location Reference:	LBH - Level 6 - Plantroom 2 - East side - Between AHU 9 & 10	Access Method inc Height:	Safe low level access
Access Panel to DW144:	Yes	Access Panel Size (mm):	370x240 AP
Description of Location & Access Notes:	Damper located low level - Visible on open floor in plant area		
Damper Type/Series:	Discontinued.ActionAir FireShield Stainless Steel Curtain Fire Damper	Vertical or Horizontal:	Horizontal
Damper Mode of Operation:	ActionAir 101/201/301 Series - Mechanical/Straight Bar Fusible Link (Discontinued product) - 72 degree fusible link	Damper Duct Shape & Size (mm):	500x500 sq duct
Installation Arrangement (in accordance with BESA DW/145):	DW/145 Method 1 - Blades OUT of Airstream suitable for vertical and horizontal fire barriers with pre-formed openings (with sleeve)		
Location Reference:			Damper as found:
			
Drop test and Reset:			Observations:
			
Fire Barrier/Compartment Condition:	Satisfactory - No signs of damage or gaps	Cleanliness & Hygiene:	Dirty
Action Taken:	Drop Test (Failed)		
Service Result:	FAIL		
Damper Defect(s):	F04: Faulty Spring(s) (broken/twisted and unable to correct)		
Remedial Notes:	Severe corrosion of damper frame - Faulty Spring - Damper not responding to drop test due to broken spring - New damper required to fit 500x500 duct		
Engineer:	SN		
Date:	01 January 2021		

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