



**MEDI-CLEAN
SOLUTIONS**

Work Completion Report





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Fire Damper Inspection Report

Survey Date	[REDACTED]
Surveyor	[REDACTED]
Survey Company	[REDACTED]
Report Print Date	[REDACTED]
Report Authorised By	[REDACTED]

Contact Information

Client	[REDACTED]	
Client Name	[REDACTED]	
Client Address 1	[REDACTED]	
Client Address 2	[REDACTED]	[REDACTED]
City	[REDACTED]	Fax: [REDACTED]
Post Code	[REDACTED]	Email: [REDACTED]

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Site Address

Client	
Client Name:	XXXXXXXXXX
Client Address 1:	XXXXXXXXXX
Client Address 2:	XXXXXXXXXX
City:	XX
Post Code:	XX
Telephone:	XXXXXXXXXX
Fax:	
Email:	

Report Author

Author	XXXXXXXXXX	Position:	XX
Company	XXXXXXXXXX		
Client Address 1	XXXXXXXXXX		
Client Address 2	XXXXXXXXXX	Telephone:	XXXXXXXXXX
City	XXXXXXXXXX	Fax:	
Post Code	XX	Email:	XXXXXXXXXXXXXXXXXXXX

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Level 1

System Details

Name:



Location

Location:

Usage:



Last Test Completed



Test Date:



Next Test Due

Actual Clean Due:

No Test Points:

No Fire Dampers:

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EXECUTIVE SUMMARY

Total fire dampers located and attempted to test

Manually controlled fire dampers

BMS controlled fire dampers

Total number of fire dampers PASSED

Total number of fire damper FAILED

Percentage of fire dampers which FAILED

Damper which could not be accessed.

ADDITIONAL ISSUES

Notes

Description

Medi-Clean Solutions were instructed to undertake the assessment of the installed mechanical fire/smoke dampers located in the ductwork and ventilation systems on site and to carry out a drop test. Fire dampers should be inspected on a frequency not exceeding 2 years in accordance with BS9999 for correct function and condition in compliance with the requirements of the Regulatory Reform Fire Safety order 2005 and physically cleaned when required. inspection and functional testing of smoke/fire dampers should be separately specified.

Fire dampers are passive fire protection products used in heating, ventilation, and air conditioning (HVAC) ducts to prevent the spread of fire inside the ductwork through fire-resistance rated walls and floors. Fire/smoke dampers are similar to fire dampers in fire resistance rating, and also prevent the spread of smoke inside the ducts. When a rise in temperature occurs, the fire damper closes, usually activated by a thermal element which melts at temperatures higher than ambient but low enough to indicate the presence of a fire, allowing springs to close the damper blades.

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Access Report

Upon site survey and fire damper inspection it became apparent that inadequate access was available in certain areas of the building. These have been documented further down on this report.

The new build ward has several manually tested BMS monitored dampers hence low count in BMS Dampers

Regulations

Our works were undertaken in accordance with the following legislation. Regulatory Reform (Fire Safety) Order 2005 Section 17 that stipulates that all fire protection systems and elements of fire compartmentation should be subject to routine maintenance to ensure that they are in good working order British Standard 9999:2017 Code of Practice for fire safety in the design and use of buildings states "...any grille or opening through the enclosure for ventilation purposes should be protected by a fire damper".

It defines a Fire Damper as a "mechanical device that is operated automatically or manually and is designed to prevent the passage of fire and which, together with its frame, is capable of meeting for a stated period of time the fire resistance criterion for integrity". Fire dampers or 'doors' are located where ductwork passes through fire compartment walls and floors. They are typically held open by a 'fusible link' which BS 9999:2017 defines as a "device that releases a component such as a fire damper or fire shutter at a set temperature". Basically, when the fusible link is met by high heat, the link will melt, closing the damper and stopping the spread of fire.

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Fire Dampers

Fire dampers play a crucial role in a building's fire safety system. The difference between a well maintained, working fire damper and an ill maintained partially working fire damper can be the difference between life and death in the case of a fire. With the enactment of the Regulatory Reform (Fire Safety) Order 2005, it is now the employer's responsibility to maintain their fire safety systems. BS 9999:2017 also states that: Arrangements should be made for all fire dampers to be tested by a competent person on completion of the installation and at least annually, and to be repaired or replaced immediately if found to be faulty.

Spring – operated fire dampers, should be tested annually and fire dampers situated in dust-laden and similar atmospheres should be tested much more frequently, at periods suited to the degree of pollution.

Fire Safety Legislation Compliance

Fire dampers are installed within the duct system to prevent the spread of fire. If a fire breaks out and gets into your ventilation system are you sure that the condition of your fire dampers will not prevent them from fulfilling this essential role?

All fire safety systems must be regularly & professionally maintained to ensure the safety of building occupants - a faulty fire damper will not prevent the spread of fire. Provision of an essential fire safety service should be considered whereby all your fire dampers will be cleaned, lubricated, drop tested and reset to ensure they are in good working order. Faults such as damaged linkages can also be replaced.

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Fire Safety Legislation Compliance

Fire & Smoke Damper Tests in Hospitals and Health Care Properties Heating and ventilation systems Health Technical Memorandum 03-01: Specialized ventilation for healthcare premises Part B: Operational management and performance verification – gives the following guidance:

1.31 Regular tests, at intervals agreed with the local fire prevention officer, will need to be carried out in order to demonstrate the continuing efficiency of the fire detection and containment systems. These may be in addition to the inspections detailed above. Records of these tests should be kept.

4.13 All fire dampers should be tested as part of the annual verification

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Fire Damper Test Inspection Report

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Fire Damper Inspection – FD1/1

Fire Damper ID:	FD1/1	Fire Damper Secure and Sealed in Compartment?	YES
Location: (Building, Floor, Room)	XXXXXXXXXX	Accessible?	YES
Supply / Extract?	XXXX	Fusible Link Intact?	NA
BMS Controlled / Manual?	BMS	Blades Open on Inspection?	YES
Size (L x W or diameter mm)	250 x 250	Is an additional access door installed on the other side?	NO
Date	XXXXXXXX	Damper Cleaned?	No (Access)
PASS / FAIL:	PASS		

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Photo of Damper as Found



Photo of Damper Drop Tested



Photo of Damper as Left



Additional Comments

Damper Test Completed Successfully.



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Fire Damper Inspection – FD1/2

Fire Damper ID:	FD1/2	Fire Damper Secure and Sealed in Compartment?	YES
Location: (Building, Floor, Room) Supply / Extract?	XXXXXXXXXX	Accessible?	YES
BMS Controlled / Manual?	BMS	Fusible Link Intact?	NA
Size (L x W or diameter mm)	550 x 300	Blades Open on Inspection?	YES
Date	XXXXXXXX	Is an additional access door installed on the other side?	NO
PASS / FAIL:	PASS	Damper Cleaned?	No (Access)

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Photo of Damper as Found



Photo of Damper Drop Tested



Photo of Damper as Left



Additional Comments

Damper Test Completed Successfully.

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Fire Damper Inspection – FD1/SD4

Fire Damper ID:	FD1/SD4	Fire Damper Secure and Sealed in Compartment?	YES
Location: (Building, Floor, Room)	██████████	Accessible?	YES
Supply / Extract?	██████	Fusible Link Intact?	NA
BMS Controlled / Manual?	BMS	Blades Open on Inspection?	NO
Size (L x W or diameter mm)	200 x 150	Is an additional access door installed on the other side?	NO
Date	██████████	Damper Cleaned?	YES
PASS / FAIL:	Fail		

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Photo of Damper as Found



Photo of Damper Drop Tested



Photo of Damper as Left

Additional Comments

Damper closed upon inspection, electrician will be required to investigate further.



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Fire Damper Inspection – FD1/SD5

Fire Damper ID:	FD1/SD5	Fire Damper Secure and Sealed in Compartment?	YES
Location: (Building, Floor, Room) Supply / Extract?	XXXX	Accessible?	YES
BMS Controlled / Manual?	BMS	Fusible Link Intact?	NA
Size (L x W or diameter mm)	200 x 150	Blades Open on Inspection?	NO
Date	1XXXX	Is an additional access door installed on the other side?	NO
PASS / FAIL:	Fail	Damper Cleaned?	YES

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Photo of Damper as Found



Photo of Damper Drop Tested



Photo of Damper as Left

Additional Comments

Damper closed upon inspection, electrician will be required to investigate further.



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Fire Damper Inspection – FD1/SD2

Fire Damper ID:	FD1/SD2	Fire Damper Secure and Sealed in Compartment?	YES
Location: (Building, Floor, Room) Supply / Extract?	XXXX	Accessible?	YES
BMS Controlled / Manual?	BMS	Fusible Link Intact?	NA
Size (L x W or diameter mm)	150 x 150	Blades Open on Inspection?	YES
Date	XXXXXX	Is an additional access door installed on the other side?	NO
PASS / FAIL:	PASS	Damper Cleaned?	YES

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Photo of Damper as Found

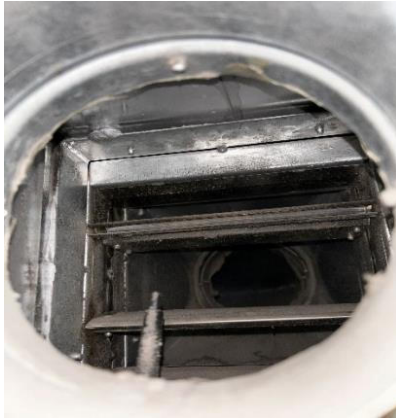


Photo of Damper Drop Tested



Photo of Damper as Left



Additional Comments

Damper Test Completed Successfully.

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Fire Damper Inspection – FD1/SD1

Fire Damper ID:	FD1/SD1	Fire Damper Secure and Sealed in Compartment?	YES
Location: (Building, Floor, Room) Supply / Extract?	XXXX	Accessible?	YES
BMS Controlled / Manual?	XXXX	Fusible Link Intact?	NA
Size (L x W or diameter mm)	150 x 150	Blades Open on Inspection?	YES
Date	XXXXXX	Is an additional access door installed on the other side?	NO
PASS / FAIL:	PASS	Damper Cleaned?	YES

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Photo of Damper as Found



Photo of Damper Drop Tested

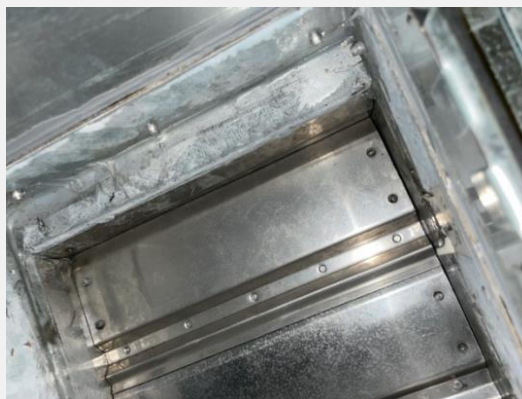


Photo of Damper as Left



Additional Comments

Damper Test Completed Successfully.

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Fire Damper Inspection – FD1/SD3

Fire Damper ID:	FD1/SD3	Fire Damper Secure and Sealed in Compartment?	YES
Location: (Building, Floor, Room) Supply / Extract?	XXXXXXXXXX	Accessible?	YES
BMS Controlled / Manual?	BMS	Fusible Link Intact?	NA
Size (L x W or diameter mm)	150 x 150	Blades Open on Inspection?	YES
Date	XXXXXXXXXX	Is an additional access door installed on the other side?	NO
PASS / FAIL:	PASS	Damper Cleaned?	YES

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Photo of Damper as Found



Photo of Damper Drop Tested



Photo of Damper as Left



Additional Comments

Damper Test Completed Successfully.



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Fire Damper Inspection – FD1/SD5A

Fire Damper ID:	FD1/SD5A	Fire Damper Secure and Sealed in Compartment?	YES
Location: (Building, Floor, Room) Supply / Extract?	XXXXXXXXXX	Accessible?	YES
BMS Controlled / Manual?	Manual	Fusible Link Intact?	NA
Size (L x W or diameter mm)	200 di	Blades Open on Inspection?	YES
Date	XXXXXXXX	Is an additional access door installed on the other side?	NO
PASS / FAIL:	PASS	Damper Cleaned?	YES

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Photo of Damper as Found



Photo of Damper Drop Tested



Photo of Damper as Left



Additional Comments

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Certificate Number

0000 / FD0001-001 / 

Fire Damper Testing Certificate

This is to certify that the following services have been performed upon the ventilation system listed below

Area:

Cleaned Inspected

Disinfected Tested

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