

Hydro-X Fire

Fire Door Inspection Report

No:123

On behalf of

Client

at

Site Name



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Section 1: Preface

Customer:	Client
Site Address:	Site Address Street Post Code
Hydro-X Account Manager:	Kristian Williams
Account Manager Telephone Number:	012304569858
Hydro-X Address:	Unit 1, Manor Drive, Dinnington, Sheffield. S25 3QU
Hydro-X Telephone Number:	01909 565133
Hydro-X Email Address:	info@hydro-x.co.uk
Lead Hydro-X Operative:	Daruisz Zarowny
Date of Assessment:	12/11/2021

Any further information concerning this assessment should be requested by contacting the above-named Hydro-X Account Manager.

Section 2: Executive Summary

Hydro-X-Air were instructed to undertake the non-intrusive assessment of the fire doors on [Date] and can report the following:

EXECUTIVE SUMMARY	
Total fire doors located inspected	1
Total number of fire doors PASSED inspection	1
Total number of fire doors FAILED inspection	0
Percentage of fire doors which PASSED inspection	100%

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Section 4: 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

Fire Door Testing & Inspection

It is important to remember that all fire doors are manufactured, specified, procured, installed, and inspected and maintained with the understanding that the door in combination with the specific set of components will perform as needed for the location that it is placed in.

With the enactment of the Regulatory Reform (Fire Safety) Order 2005, it is now the employer's responsibility to maintain their fire safety systems.

Fire Safety Legislation Compliance

All fire safety systems must be regularly & professionally maintained to ensure the safety of building occupants - a faulty fire door will not prevent the spread of fire.

Provision of an essential fire safety service should be considered whereby all your fire doors will be inspected to ensure they are in good working order.



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Section 3: Fire Damper Summary

Location	Fire Door Number	Door Body	Door Closer	Threshold	Lock And / Or Latch	Door To Frame Gap	Glazing	Door Frame to Wall Gap	Door Furniture
Main Building - First Floor - Main corridor	1	Y	Y	Y	Y	Y	Y	Y	Y
Total:		0	0	0	0	0	0	0	0



Section 5: Fire Door Inspections:

Fire Door ID:		<u>1</u>	
Location: (Building, Floor, Room)		Main Building - First Floor - Main corridor	
Date & Time		08:09 12-11-2021	Type of Fire Door? FD30 Single
Photo of Fire Door as Found		Photo of Door Label	
			
<u>Door Body</u>			
Is the door leaf in good condition?	Yes	Is the door weight from 27kg to 40kg?	-
Is the door leaf 44 to 45mm thick?	Yes	Is the door leaf 54 to 55mm thick?	-
<u>Door Closer</u>			
Is the correct door closer installed and in good condition?	Yes	Does the door fully close and latch from 12° (1 Inch gap)?	Yes
Is the door closer the correct size?	Yes	Door closure pressure less than 30N between 0° & 30°?	Yes
Does the door closer hold the door in the closed position?	Yes	Door closure pressure less than 22.5N between 30° & 60°?	Yes
Are the doors aligned within a 3mm tolerance on closure?	-	Does the door slam upon closing?	Yes
Does the door close within 8-15 seconds from 90°?	Yes	Does the closer require adjustment / replacement?	Yes
If the door has a hold open does this operate correctly when the fire alarm is activated?			Yes
<u>Lock and / or Latch</u>			
Does the lock / latch locate in the closed position on closure?	-	Is an intumescent pads fitted under the lock / latch?	-
<u>Frame & Wall</u>			

Has the gap between the frame and the wall been filled correctly?			Yes
Is the door frame in good condition?			Yes
<u>Hinges</u>			
Are there at least 3 appropriate type hinges, fire rated and with stamp approval?	Yes	Are intumescent pads fitted under the hinge?	-
Are they spaced correctly with all correct length screws?	Yes	Is lubricant leaking from the hinge?	No
<u>Door & Frame</u>			
Gap at top between 3-4mm?	Yes	Gap to the left between 3-4mm?	Yes
Gap to the right between 3-4mm?	Yes	Is the door stop at least 12mm deep?	Yes
What is the depth of the door stop?	15	Is the paint build-up over the intumescent seals less than 5mm thick?	-
Are intumescent seals fitted?	No	Are smoke seals fitted?	Yes
Is the door compliant without intumescent seals?	Yes	Is the door compliant without smoke seals?	-
If yes, are they the right size and make?	-	Are the smoke seals continuous and free from paint?	Yes
Are the intumescent seals continuous?	-		
<u>Threshold</u>			
Threshold gap between 8-10mm?	Yes	Is the door threshold free and not catching on the floor?	Yes
<u>Glazing</u>			
Does the fire door contain glazing?	Yes	Is intumescent visible along the beading of the glazing?	Yes
Is the glazing fire rated with the appropriate etching?	Yes		
<u>Door Furniture</u>			
Is there a letterbox installed in the door?	No	If yes, is the letterbox installed with an intumescent liner?	-

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If yes, is the letterbox installed in the lower third of the door?	-	Is there a door viewer installed?	No
Is there a cat flap installed in the door?	No	If yes, is the door viewer fire rated?	-
If yes, does the cat flap have an outer intumescent collar?	-	Are all fire door warning signs installed correctly?	Yes
Additional Comments			

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Section 6: Recommendations

FD ID	Building	Floor	Room	Issue Found	Recommendation

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