

MULTIPLEX

Isolation Room Ventilation Validation Checklist

Project	RHSC Edinburgh	Date	06/06/2019
Room No.	1-B1-016		

Air Permeability Results

Test Date	14/05/2019	Tested By	RSK S Borland
Positive 20Pa	0.692l/s / m ³	Negative 20Pa	0.714l/s / m ³
Percentage Difference	3.08%	Pass / Fail	Pass

Pressure Stabiliser & transfer grilles

Lobby/Room pressure stabiliser fitted	Yes
Pressure stabiliser opens at 10Pa	Yes
En-Suite door transfer grille fitted	Yes

Ventilation

AHU Ref	AHU 04-06	Extract Fan ref	IEF 06
Supply Air Volume	189L/s		
Extract Air Volume	197L/s	Calculated Room ac/h	>10
Gas Tight Damper Installed Supply	Yes	Gas Tight Damper Installed Extract	Yes
AHU & Duct Identification	Yes	Extract Fan & Duct Identification	Yes
AHU Failure Indication at BMS & Nurse Station	Yes	Extract Failure Indication at BMS & Nurse Station	Yes

Filtration

Test Date	23/5/19	Tested By	S.Campbell
Supply HEPA Fitted	Yes	Particle Challenge test Pass / Fail	Pass
Extract HEPA Fitted	N/A	Particle Challenge test Pass / Fail	N/A


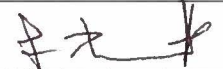
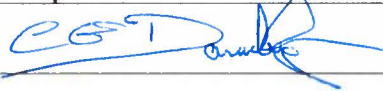
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Room Pressure

Lobby to Corridor Pressure	11Pa	DP Gauge Reading	11Pa
Low / High pressure alarm setting	8/13Pa	Low / High pressure alarm operational	Yes
Low / High pressure indication alarm at Nurse Station	Yes	Low / High pressure indication alarm at BMS	Yes
En Suite to Room Pressure	Negative		

Isolation Room validated in accordance with SHPN 04 Supplement 1

	Name	Signature
Multiplex representative	DAVID WILSON	
Contractor representative	JOHNATHAN DUNNETT	
Arcadis representative	CHRISTIAN DARRBYSHIRE	
NHSL representative		
NHSL representative		
Bouygues representative		

Comments

HIGH + LOW LEVEL PRESSURE ALARM SET POINTS (8+13Pa) REQUESTED BY NHSL.