




Engineers Validation Report										
Date:	24.09.2020	Dept:	Cleanroom	Company name:	The West Group					
Contact:	Wynn Williams			Cleanroom Site Address:	29 Aston Road, Waterlooville, Hampshire, PO7 7XJ					
Serial No:	N/A	Install Date:	N/A							
Structure:	Hybrid <input checked="" type="checkbox"/>	Monobloc <input type="checkbox"/>	Softwall <input type="checkbox"/>	Hardwall <input type="checkbox"/>						
Occupancy State:	As built <input type="checkbox"/>		At rest <input checked="" type="checkbox"/>	Operational <input checked="" type="checkbox"/>						
Qty FFU's:	Total No' of Filters		HEPA	3						
	3		ULPA							
Classification: ISO 14644-1:2015										
Class: 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input checked="" type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/>										
Airflows (m/s):										
S1	=	0.59	_____							
S2	=	0.59	_____							
S3	=	0.61	_____							
Calibrated Anemometer: Kimo 1P200885713 TSI - Calibration Date: 19.08.2020										
Cumulative Particle Counts (m ³):										
Cleanroom (at rest)	>0.3 µm =	-	>0.5 µm =	1,966	>5.0 µm =	27				
Cleanroom (operational)	>0.3 µm =	-	>0.5 µm =	3,772	>5.0 µm =	53				
Change Area (Ref only)	>0.3 µm =	-	>0.5 µm =	8,840	>5.0 µm =	365				
Calibrated Particle Counter: Particle Plus Handheld - 4216 Calibration Date: 07.09.2020										
Checks:										
Screws:	<input type="checkbox"/>	Seals:	<input type="checkbox"/>	HEPA:	<input type="checkbox"/>	Lights:	<input type="checkbox"/>	ULPA:	<input type="checkbox"/>	
Ducting:	<input type="checkbox"/>	Pre Filter:	<input type="checkbox"/>	Castors:	<input type="checkbox"/>	Pressure Gauge (PA):	MG01 <input type="checkbox"/>	MG02 <input type="checkbox"/>	MG03 <input type="checkbox"/>	MG04 <input type="checkbox"/>
H&S stickers	<input type="checkbox"/>	Sidewalls:	<input type="checkbox"/>	Internal access labelled:	<input type="checkbox"/>	Speed Control (%):	SG01 <input type="checkbox"/>	SG02 <input type="checkbox"/>	SG03 <input type="checkbox"/>	SG04 <input type="checkbox"/>
Lights turn	On <input type="checkbox"/>	Off <input type="checkbox"/>	Fan speed	Increases <input type="checkbox"/>	Decreases <input type="checkbox"/>					
Are correct gowning procedures being observed? <input checked="" type="checkbox"/> Is there further assistance required to their process? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>										
Is the company doing everything to reduce and minimise the introduction and generation of particles? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>										
Does the customer have monitoring equipment? <input type="checkbox"/> Is it calibrated to the correct ISO 21501-4 standard? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>										
Is the customer completing risk assessment and monitoring plans for their cleanroom? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>										
Have you discussed with the customer filter integrity testing? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>										
**ECO system - particle counter serial number:					Calibration expiry date:					
**ECO 1 system serial number and boards:			TH075	TH076	S/ware version					
Temp/Hum Sensor: -			Temp	Humidity						
Calibration Date:			Working Plane:							
Particle counts carried out in 'at rest' and 'operational'. Please try keep validation date to 16th September.				to	=	Pa	to	=	Pa	
				to	=	Pa	to	=	Pa	
Parts Supplied:			Qty supplied	Price	Serial No. Differential Pressure Sensor		Calibration Date:			
					PASS:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Next validation due date:	16.09.2020	
Engineers Name:					Customer Name:					
-Harry Burrow					Wynn Williams					
Engineers Signature					Customer Signature:					
 										

*'Calibration Date' indicates the date the unit was calibrated - not when it is due calibration.