

DriveSavers, Inc.
Test Record

RF-001 Rev. A 4-2010

1.1 Airborne Particle Count Record (See Floor Plan for Details)										
Area:	Class 7					Cleanroom Class:	7			
Technician:	Stefan Hocom					Considered Size:	0.5µm			
Certification Date:	4/22/2013					Sample Volume:	1.0 CFM			
Re-Certification Date:	4/22/2014					Occupancy State :	Operational			
Location #	Time	Cumulative Counts/ft ³				Cumulative Counts/m ³				
		0.3 µm	0.5 µm	1.0 µm	5.0 µm	Limit:	≤352000	≤83200	≤2930	
						0.3 µm	0.5 µm	1.0 µm	5.0 µm	
1	10:29:45	2186	964	537	34	77166	34029	18956	1200	
2	10:31:02	2063	1026	713	176	72824	36218	25169	6213	
3	10:32:15	1549	712	427	51	54680	25134	15073	1800	
4	10:33:31	5803	2546	1240	40	204846	89874	43772	1412	
95% UCL (if 2 to 9 locations)		5246	2313	1162	156	185181	81633	41005	5517	
Certification Status (Pass / Fail): Pass										
Remarks :										

1.2 HEPA/ULPA Filter Face Velocity Test (See Floor Plan for Details)			
TEST	Actual	Recommended	Deviation
Average Velocity (FPM)	92.00	70 - 110	0%
Air Change Rate (ACH)	72.16	60 - 90	0%

1.3 Differential Pressure Test (See Floor Plan for Details)		
TEST LOCATION (REF. MAP)	Actual	Recommended
To Change	0.0360 in. wc.	Positive

Note¹: Recommended sections are for recommendation only and do not carry pass/fail criteria.

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1.1 Airborne Particle Count Record (See Floor Plan for Details)										
Area:	Class 6					Cleanroom Class:	6			
Technician:	Stefan Hocom					Considered Size:	0.5µm			
Certification Date:	4/22/2013					Sample Volume:	1.0 CFM			
Re-Certification Date:	4/22/2014					Occupancy State :	Operational			
Location #	Time	Cumulative Counts/ft ³				Cumulative Counts/m ³				
		0.3 µm	0.5 µm	1.0 µm	5.0 µm	Limit:	≤35200	≤8320	≤293	
						0.3 µm	0.5 µm	1.0 µm	5.0 µm	
1	10:35:05	127	62	27	0	4483	2189	953	0	
2	10:36:19	229	93	51	3	8084	3283	1800	106	
3	10:37:33	1431	638	297	5	50514	22521	10484	177	
4	10:38:49	357	154	82	3	12602	5436	2895	106	
5	10:40:07	404	199	107	9	14261	7025	3777	318	
6	10:41:22	862	384	174	6	30429	13555	6142	212	
7	10:42:35	1833	761	311	15	64705	26863	10978	530	
8	10:43:55	650	236	102	7	22945	8331	3601	247	
95% UCL (if 2 to 9 locations)		1145	489	216	9	40431	17275	7638	320	
Certification Status (Pass / Fail): Pass										
Remarks :										

1.2 HEPA/ULPA Filter Face Velocity Test (See Floor Plan for Details)			
TEST	Actual	Recommended	Deviation
Average Velocity (FPM)	74.80	70 - 110	0%
Air Change Rate (ACH)	105.60	150 - 240	30% < 150

1.3 Differential Pressure Test (See Floor Plan for Details)		
TEST LOCATION (REF. MAP)	Actual	Recommended
To Class 7	0.0007 in. wc.	Positive

Note¹: Recommended sections are for recommendation only and do not carry pass/fail criteria.

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1.1 Airborne Particle Count Record (See Floor Plan for Details)										
Area:		Class 5				Cleanroom Class:		5		
Technician:		Stefan Hocom				Considered Size:		0.5µm		
Certification Date:		4/22/2013				Sample Volume:		1.0 CFM		
Re-Certification Date:		10/22/2013				Occupancy State :		Operational		
Location #	Time	Cumulative Counts/ft ³				Cumulative Counts/m ³				
		0.3 µm	0.5 µm	1.0 µm	5.0 µm	Limit: ≤10200	≤3520	≤832	≤29	
1	10:47:43	34	9	3	2	1200	318	106	71	
2	10:48:56	0	0	0	0	0	0	0	0	
3	10:50:09	4	1	0	0	141	35	0	0	
4	10:51:25	19	8	4	1	671	282	141	35	
5	10:52:40	3	2	2	0	106	71	71	0	
6	10:55:17	11	5	0	0	388	177	0	0	
95% UCL (if 2 to 9 locations)		22	7	3	1	787	256	104	42	
Certification Status (Pass / Fail): Pass										
Remarks :										

1.2 HEPA/ULPA Filter Face Velocity Test (See Floor Plan for Details)			
TEST	Actual	Recommended	Deviation
Average Velocity (FPM)	125.83	70 - 110	14% > 110
Air Change Rate (ACH)	355.54	240 - 480	0%

1.3 Differential Pressure Test (See Floor Plan for Details)		
TEST LOCATION (REF. MAP)	Actual	Recommended
To Class 6	0.0925 in. wc.	Positive
To Viewing	0.1233 in. wc.	Positive

Note¹: Recommended sections are for recommendation only and do not carry pass/fail criteria.