

COMPARISON OF CLEANROOM STANDARDS

CLASS		PARTICLE SIZE							
		0.1 µm	0.2 µm	0.3 µm	0.5 µm	1 µm	5 µm	10 µm	25 µm
		ISO 14644-1 counts per m³ per size and greater							
1		10	2						
2		100	24	10	4				
3		1000	237	102	35	8			
4		10000	370	1020	352	83			
5		100000	23700	10200	3520	832	29		
6		1000000	237000	102000	35200	8320	293		
7					352000	83200	2930		
8					3520000	832000	29300		
9						8320000	293000		
S.I.	English	US FED 209E (superceded) counts per m³ per size and greater							
M1		350	75.7	30.9	10				
M1.5	1	1240	265	106	35.3				
M2		3500	757	309	100				
M2.5	10	12400	2650	1060	353				
M3		35000	7570	3090	1000				
M3.5	100		26500	10600	3530				
M4			75700	30900	10000				
M4.5	1000				35300		247		
M5					100000		618		
M5.5	10000				353000		2470		
M6					1000000		6180		
M6.5	100000				3530000		24700		
M7					10000000		61800		
		BS 1989 (superceded) counts per m³ per size and greater							
C				100	35		0		
D				1000	350		0		
E				10000	3500		0		
F					3500		0		
G				100000	35000		200	0	
H					35000		200	0	
J					350000		2000	450	0
K					3500000		20000	4500	500
L							200000	45000	5000
M								450000	50000
		European Union GMP Guideline counts per m³ per size and greater							
		At Rest		In Operation					
		0.5 µm	5 µm	0.5 µm	5 µm				
A		3500	0	3500	0				
B		3500	0	350000	2000				
C		350000	2000	35000000	20000				
D		3500000	20000	N/a	N/A				