

Cleanroom Air Cleanliness

Last Updated Friday, 30 July 2010

CLEANROOM AIR CLEANLINESS STANDARDS

Comparison Between Standards ISO 14644

GMPBS5295:1989 CLASS Metric Imperial At rest In operation 1---- 2---- M1--- 3M1.51--C M2--- 4M2.510--D M3---
 5M3.5100A/BAE/F M4--- 6M4.51 000--G/H M5-- 7M5.510 000CBJ M6--- 8M6.5100 000DCK M7--- 9----

Selected airborne cleanliness classes for cleanrooms and clean zones

Maximum concentration limits (particles per m³ of air) for particles equal to or greater than the considered sizes below
 (values rounded up to three significant figures)

Class No. (N)	0.1mm	0.2mm	0.3mm	0.5mm	1.0mm	5mm	ISO 1102	ISO 2100	24104	ISO 31 000	237102358	ISO 410 0
3701	02035283	ISO 5100	00023	70010	2003	52083229	ISO 61 000	000 237 000	102 00035	2008 320293	ISO 7 352	00083
2002 930	ISO 8	3 520	000832	00029	300	ISO 9	35 200	0008 320	000293	000	Note: Uncertainties relating to measurement process may require that concentration data with no more than three significant figures be used in determining the classification level	