

3M Occupational Health and Environmental Safety

Amended Standard - EN 149:2001+A1:2009



More
Choice,
Informed Decisions



EN 149:2001 and approval to the PPE Directive

All disposable respirators placed upon the market within Europe must be approved to the requirements of the Personal Protective Equipment directive (89/686/EEC).

Approval of any type of device to the PPE directive is in part demonstrated by testing to the performance requirements of a relevant European Standard (if applicable). EN 149:2001 “Respiratory protective devices – Filtering half masks to protect against particles – Requirements, testing and marking” was the European Standard that covers the performance requirements for disposable respirators.

EN 149:2001 was superseded by an amended version, EN 149:2001+A1:2009 (EN 149+A1) in July 2009.

Within the 12 month period following publication of EN 149+A1, all disposable respirators will need to be tested to the requirements of the amended standard and then re-approved to the PPE directive.

What are the changes introduced by EN 149:2001+A1:2009?

3M welcomes the introduction of two usability classifications for disposable respirators; single shift only devices (non reusable shown through marking “NR”) and reusable devices (marked ‘R’).



The amended European Standard EN 149:2001+A1:2009 states that all reusable devices must withstand being cleaned and disinfected using a method provided by the manufacturer. This change, along with new performance requirements, is intended to give the user further confidence in respirators providing continuous respiratory protection in hazardous environments.

The standard and the notified bodies do not state how a product should be constructed. 3M has decided that for its respirators to be deemed reusable they should have a face seal that can be effectively cleaned. Therefore only 3M respirators with a face seal gasket will be classified as R – reusable and all other products as NR – non-reusable.

			Classic Series		Comfort Series		Premium Series	Speciality Series			Welding		
Protection Level (EN149:2001 +A1:2009)			“NR” Non-Reusable		“NR” Non-Reusable		“R” Reusable	“R” Reusable	“NR” Non-Reusable			“NR” Non-Reusable	“R” Reusable
	FFP3 APF*=20	VALVE											
		FFP2 APF*=10	VALVE							 Nuisance Level Acid Gas	 Nuisance Level Organic Vapour		 Ozone (10 X WEL) Nuisance Level Organic Vapour
													<div>Further Information</div> <div>For more information on 3M products and services, please contact your local 3M representative or call the 3M Helpline on 0870 60 800 60 (UK) or 1 800 320 500 (Ireland)</div>
	FFP1 APF*=4	VALVE							 Nuisance Level Organic Vapour				
										 Nuisance Level Acid Gas	 Nuisance Level Organic Vapour	 Nuisance Level Hydrogen Fluoride	

* APF = Assigned Protection Factor