# Respirators



## Guide to Identify and Assess Hazards

To identify all respiratory hazards review your workplace by: Task / Area / Process Respiratory hazards can be categorised as follows: Particulates Particulates Gases/Vapours Oxygen Deficiency Mechanically generated = P1 Toxic = P3Thermally generated = P2 Less than 19.5 % oxygen E.g. Organic vapours, inorganic E.g. Dust/mist, metal fume, E.g. Beryllium E.g. Confined space fibre, micro organisms gas, acid gas, ammonia Risk Assessment Assess: Contaminants / Exposure Levels / Workplace Exposure Standard Match Cartridge/Filter type to the hazard

#### Oxygen Deficiency

Seek advice from your safety supplier for airline, built-in air or SCBA options

### Gases/Vapours

Refer to page 16 of catalogue for 3M Cartridge options

#### Particulates

Mechanically generated = P1 Thermally generated = P2

Refer to page 17 of catalogue for 3M Filter options

#### Particulates

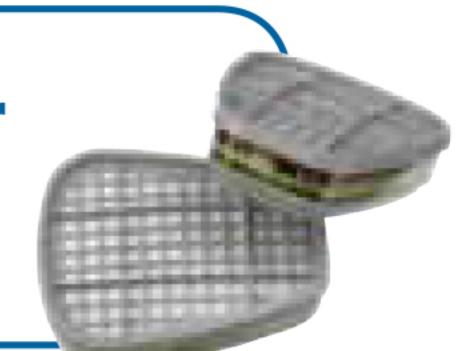
Toxic = P3

Refer to page 16 & 17 of catalogue for 3M Catridge/ Filter options



#### Match the Reusable Respirator to the Cartridge/Filter

Refer to the protection factor table on page 15 to determine the best respirator for your hazard



This is a guide only. Selection of the most appropriate personal protective equipment (PPE) will depend on the particular situation and exposure levels and should be made only by a competent person knowledgeable of the assessed risks, actual working conditions and limitations of PPE. Details regarding performance and limitations are set out on the product packaging and user information. If in doubt, contact a safety professional or 3M.