

Backflow prevention

Guidance

Table G6.1e: Determination of fluid category 5

Fluid category 5: Fluid representing a serious health hazard because of the concentration of pathogenic organisms, radioactive or very toxic substances, including any fluid which contains:

- (a) faecal material or other human waste; or
- (b) butchery or other animal waste; or
- (c) pathogens from any other source.

Examples

General

Industrial cisterns.

Non-domestic hose union taps.

Sinks, urinals, WC pans and bidets.

Permeable pipes in other than domestic gardens, laid below or at ground level, with or without chemical additives.

Grey water recycling systems.

Medical

Any medical or dental equipment with submerged inlets.

Laboratories.

Bedpan washers.

Mortuary and embalming equipment.

Hospital dialysing machines.

Commercial clothes washing plant in health care premises.

Non-domestic sinks, baths, washbasins and other appliances.

Food processing

Butchery and meat trades.

Slaughterhouse equipment.

Vegetable washing.

Catering

Dishwashing machines in health care premises.

Vegetable washing.

Industrial and commercial installations

Industrial and chemical plant etc.

Mobile plant, tankers and gully emptiers.

Laboratories.

Sewage treatment and sewer cleansing.

Drain cleaning plant.

Water storage for agricultural purposes.

Water storage for firefighting purposes.

Commercial agricultural

Commercial irrigation outlets below or at ground level and/or permeable pipes, with or without chemical additives.

Insecticide or fertiliser applications.

Commercial hydroponic systems.

Note:

The list of examples of applications shown above for each fluid category is not exhaustive.