ASPEN Drainage Systems
Drainage tailored to your requirements

ASPEN Stainless hardworking stainless steel products for hardwearing environments: British engineered and sealed with a lifetime guarantee.

Here are a few basic questions to start the process of deciding how to specify your drainage system.

Step 1: What is the maximum spillage in the location in litres per second?

3 to 5 litres per second requires 110mm diameter outlet.

Step 2: Which water trap do you require?

We supply two types of gully traps;

1. Gully trap with constant trapped water
2. Gully trap that drains fully when the trash basket and/or trap is removed.

Step 3: What type of traffic will go over the drainage?

This will decide the strength of the drainage to be used. Our 'load classification' table and symbols can be used as a guide.

See LOAD CLASSIFICATION CHART

Step 4: What grade of stainless steel should be specified?

Type 304 is general grade and type 316 is most corrosion resistant.

Consideration must be given to the type of products being processed and the type of dilution of cleaning chemicals. The stainless steel resistance chart should only be used as a guideline.

See STAINLESS RESISTANCE CHART

Step 5: Check the levels of any adjoining manholes or outlet pipes to ensure you choose the correct type and direction of outlet.

The invert (depths) of the adjoining drainage system is the key to ensure the system is self drainage.

As a guide underground pipe should fall at a rate of 1:60.

Canal Engineering Ltd, Lenton Lane, Nottingham. NG7 2PQ
0115 986 6321 | aspen@canalengineering.co.uk   Registered in England no. 4145340

TD1   1 | Page