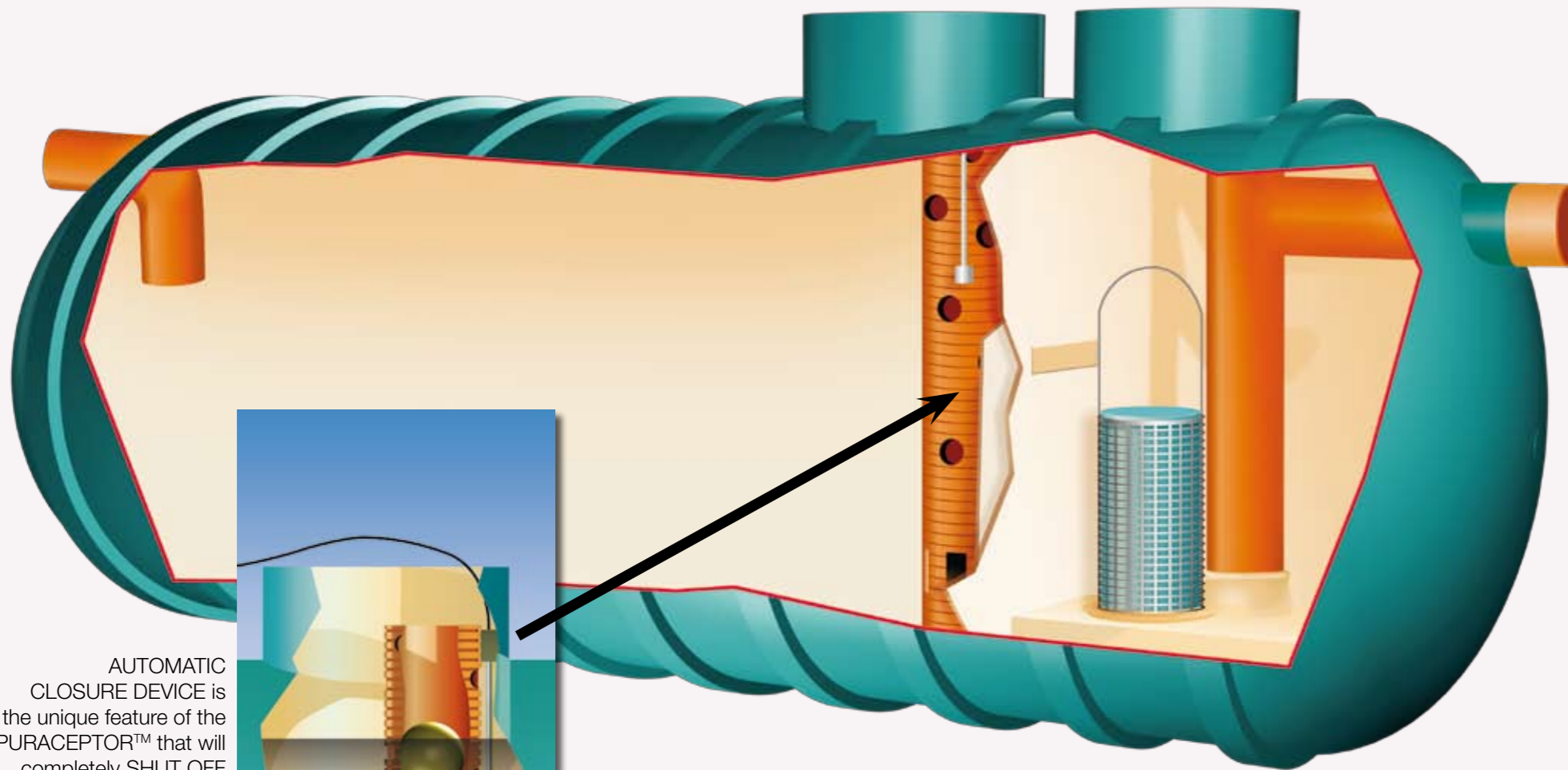


# SPEL PURACEPTOR™ CLASS 1

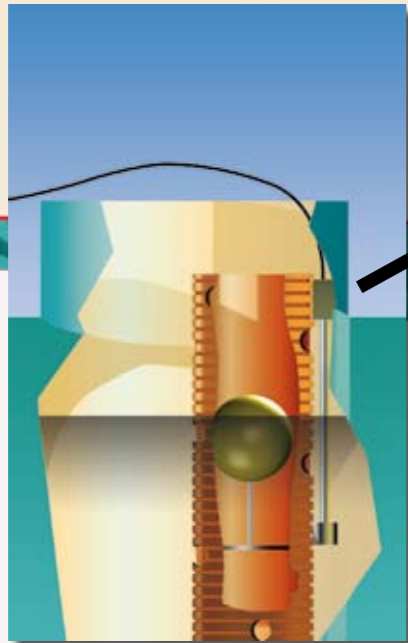
Oil containment

## High Risk

Oil spills & transformer oil ruptures



AUTOMATIC CLOSURE DEVICE is the unique feature of the PURACEPTOR™ that will completely SHUT OFF the separator in the event of a major oil spill. Not dependent on electricity to operate.



SPEL PURACEPTOR™ is a FULL RETENTION separator that treats all flows and is sized to contain more than the anticipated maximum oil spillage enabling it to be fully operational at all times.

It has two chambers, a coalescer and is fitted with an automatic closure device specifically designed to treat and contain major oil spills thereby making it suitable for high risk applications.

It achieves a water discharge quality of 5mg light liquids per litre complying to European Standard BS EN 858.1. 2006. Treatable flow rates range from 2LPS to 200LPS. Pipe sizes range from 100mm to 450mm (larger sizes on request).



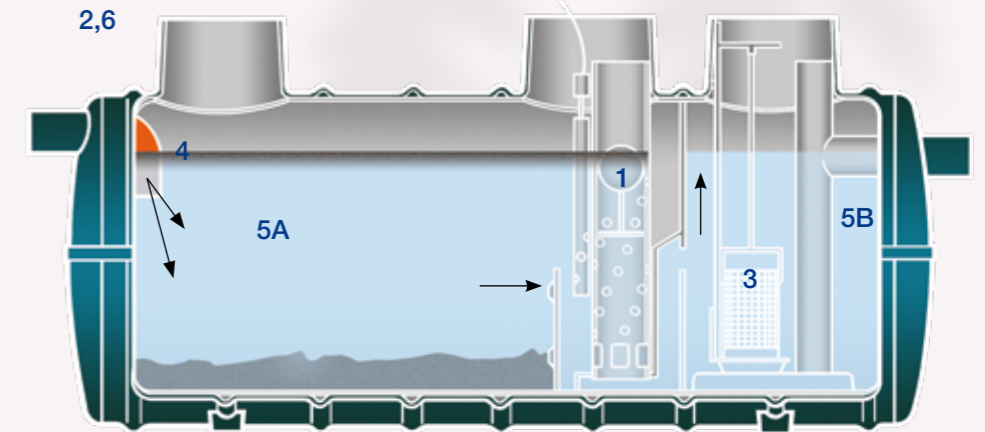
SPEL PURACEPTORS™ are readily transportable to all sites and can be handled with ease.



Cranbourne Switchyard, VIC  
Refer job profiles, inside back cover.



Asphalt Producer  
Refer job profiles, inside back cover.



Careful and proper planning by corporate Australia and government bodies is essential when designing and implementing systems that are effective in protecting our environment. The proven and independently accredited SPEL PURACEPTOR™ (complies to European Standard BS EN 858.1 2006) is an Australian made stormwater treatment and oil containment device that can contain and prevent light liquid pollutants from discharging into our waterways.

### 1 AUTOMATIC CLOSURE DEVICE

The AUTOMATIC CLOSURE DEVICE (A.C.D.) is a precisely engineered device comprising a water-bouyant ball that is sensitive to any change in the water density as a consequence of light liquids build up, thereby automatically activating a process of depressing the A.C.D. to SHUT OFF the separator, preventing pollutants from discharging to drains and waterways.

### 2 FULL RETENTION

All liquid is treated. There is no by-pass operation.

### 3 COALESCER EQUIPPED

Provides a coalescing process for the separation of smaller globular of light liquid pollutants to reduce the light liquid content in the outlet to **5mg/litre or less**.

### 4 INLET DIP PIPE - FLAME TRAP

For minimum turbulence and to prevent fire and inflammable vapours passing through to the drainage system.

### 5 TWO CHAMBER

A non-turbulant flow through two horizontal treatment chambers, utilising the underflow principle to retain light liquids in all flow conditions.

**A. CONTAINMENT CHAMBER:** Where Total Suspended Solids (TSS) silt, sediments, sludge and gross pollutants are trapped and settle on the chamber floor and where light liquids are contained.

**B. COALESCER CHAMBER:** Where light liquids separation is enhanced reducing it to **5mg/litre** or less prior to discharge.

### 6 GRAVITY OPERATED

Will function in the event of power failure and fits into existing pipe drainage systems or new sites.

### 7 MAINTENANCE

Easy and safe with no entering of the tank required. For further details, refer maintenance page 12.

## APPLICATIONS

- POWER STATIONS
- SUBSTATIONS & SWITCHYARDS
- MINING & HEAVY VEHICLE
- WINDFARMS
- WASTE TRANSFER DEPOTS
- RE-FUELLING AREAS
- SERVICE STATIONS
- ASPHALT PLANTS