Note: This is a schematic representation only. Slab size and gradient to engineers details as arranged by customer. All plumbing and electrical connections to be installed by certified tradesmen in accordance with relative authorities requirements. Tradesmen to be engaged by the purchaser. System to be approved by relative Local Authorities before Installation.

Schematic Detail of FX15000SS Separator

This unit is designed for use with "Quick Break Detergents" only. Use of solvent based detergents will affect the efficiency of the unit and may void the warranty. NOTE: For marine applications Separator can be supplied in 316 Grade Stainless Steel.

SPECIFICATION

Material - Tank 304 Stainless steel
Stand 25mm RHS Galvanised

Maximum flow rate 15000 litres per hour Actual flow rate 14400 litres per hour Separation process enhanced gravity Volume 2375 litres net

Inlet 2 x 80mm BSP Female
Outlet 2 x 100mm BSP Female

Gate Valve 2 x 40mm BSP

Tubepack Specification

Bio-Tube - 55 mm Dia. Tube

Block Size - (8x) 550 mm x 550 mm x 500 mm

Volume - 1.2 m³ Surface Area - 240 m²

Provide Bunded

Outlets x 2

Area for Separator.

500 3160 Minimum clearance to pump Provision for padlocks -Oil Skimmer 2 x 100mm BSP 2 x 80mm \$SP Female Female 80mm pipe from pump (by others) 100mm pipe to sewer (by others) 1030 Outlet Diaphragm Pump (supplied separately) Gate Valve 40mm BSP Leveling Adjustment Waste Oil Feet can be rotated Containers x2 360° per installation (Supplied on request) requirements. Drain to be supplied to Local Council authorisation bunded area (by others). required to allow waste to

Process Description

Trade waste water is pumped into the separator from either a holding tank or pit. The holding tank is vital in helping the breakout process.

Water enters the separator from one end and passes through a coalescing tube pack which attracts the oil to it. As the oils are lighter than water gravity forces them to the top of the separator. The water then continues under the baffle and exits the separator. The cleaned water can now be released to the sewer or in some cases used to irrigate landscape.

be discharged to sewer.

2 x 100mm BSP Female

304 Grade Stainless Steel
1.6mm Thick



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Project

System Specifications

Drawing Title

FX15000SS Separator Sub Assembly

Drawn by:	R.O'B.
Date:	09/07/2008
Scale:	1:30
Drawing No:	A4-SPEC-1026