



## Environmental Equipment Engineering, Inc.

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### FOX SPILL CONTROL DIVERSION SYSTEM

## MODEL: SCS 600

All run-off leaves the protected area via the Fox SCS600 chamber. A wing in the chamber causes any free-floating hydrocarbons in the run-off to be retained. A probe within the chamber is able to sense the presence of significant quantities of hydrocarbons. If the quantities are of a volume to indicate that a spill has occurred the system will provide an alarm and divert to a Holding Tank or similar and ensure that no further run-off can leave the area until the cause of the alarm is removed. Minor quantities of retained hydrocarbons are discharged to the Holding Tank as a cleansing cycle every 24 hours. The Fox PLC has features that are unique and include the following:- ADJUSTABLE SENSOR CALIBRATION... ensuring the system is matched to site conditions; WASHDOWN SENSING... this function ensures that all polluted washwater from the site cannot enter the stormwater system; DELAY DROP FUNCTION... this function allows for the residue from a washdown activity to drain to the equipment and diverts it for treatment; HOUSE CLEANING ALARM... This feature will activate if the diversion valve fails to close. Usually failure to close indicates that the system is in need of a 'housekeeping' activity.

**The requirements of local authorities can vary, additional features & options are available to ensure that the system will fulfil each authorities specific requirements.**

### APPLICATIONS

Equipment wash down - Transfer of fuel - Service stations - Pollution control of large open areas

DIVERSION VALVE		SPILL CONTROL DEMAND VALVE	
Model	FOX SCS600	Model	SCS600
Flow Rate	1250 l/min @ 0.5m Head	Body	Gunmetal
Body	Gunmetal	Internals	Gunmetal
Shafts	Stainless steel	Seals	Nitrile rubber / polyurethane
Flange	Nylon	Max. inlet pressure	1400 kpa
Diaphragm	Nitrile rubber	Size	Suits 25mm supply
Gasket	Nitrile rubber	Solenoid	12v dc. 12mm N.C.
Size	150 mm	Proximity switch	12v dc Pepperl & Fuchs
CONTROL STATION		Fox programmable logic controller	
POWER SUPPLY	240 v AC 10 amp (by others)	1250 l/min @ 0.5m Head	
DELAY JET	1.5 brass cap jet	SENSOR PROBE	1 cm Dual Leg stainless steel
SILT & SOLIDS CONTROL	600x600	DRIVE LINE	12mm copper ( not supplied )
GRATE	600x600 galvanized medium or heavy	polyethylene silt basket	9mm holes
STANDARD DIVERSION CHAMBER	600x600	PANEL BOX	galvanized or stainless steel