CWS WASH DOWN SEPARATOR

The Environment Agency's PPG13 requires that discharge from pressure washers must discharge to a foul drainage system. Where there is no foul drainage available, the effluent must be contained within a sealed drainage system or catchpit for disposal by a licensed waste contractor.

Silt build-up is the main problem with wash down facilities, the Morclean CWS range of wash down and silt separators are used to remove the silt and will allow some separation of hydrocarbons.

Detergents that are used in wash down areas will break down and disperse the hydrocarbons, hindering the separation process. Therefore it is important to remember that the main function of wash down separators is to remove silt.
Although it is recognised that single stage separators give the most efficient separation, 2 and 3 chamber CWS silt separators are available on request.

APPLICATION AREAS

- Carwash facilities
- Tool hire depots
- Pressure washer facilities

FST SILT TRAP

Large quantities of silt can be associated with Wash down areas.
The Morclean FST silt trap is ideal for easy removal of silt either manually or by a waste disposal contractor.

The FST range of silt traps are available with varying grades of covers from B125 up to E600 to allow installation in all types of vehicle or plant wash down facilities.

ALARM SYSTEMS

According to the Environment Agency's PPG3 guidelines, all separators must be provided with a robust device to provide visual and audible warning (if necessary to a remotely located supervisory point) when the level of oil reaches 90% of the oil storage volume. This automatic warning device indicates that the separator is in need of immediate emptying for it to continue to work effectively. Morclean can supply a full range of visual and audible warning devices including: mains powered, solar powered alarms (with flashing beacon) or solar GSM (sends txt message to a mobile phone of your choice). Three probes are fitted in the separator to automatically monitor the oil, silt and liquid levels. The probes will also indicate exactly when the Separator needs emptying, eliminating unnecessary waste management visits.If site conditions permit, the control can be used to monitor multiple probes in a number of different separators.

MAINS POWERED SYSTEM - This option is best suited to new build situations or sites where installation of the necessary cabling and ducting is straightforward and economical.

SOLAR POWERED SYSTEM - FLASHING BEACON - This option requires no mains power supply or any significant cabling and ducting making it economical for large sites and retro fitting alarms to existing oil separators. A High Intensity Beacon will flash when a problem is detected.

SOLAR GSM ALARM - The Solar GSM alarm sends a status report of your separator to a mobile phone number of your choice. The status of the GSM alarm can also be tested at any time by simply sending a pre-recorded text message via your dedicated mobile phone.

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