Andel-IWS

Interceptor & Waste Services; supply, installation and maintenance

A manhole cover removed and an interceptor being checked for oil content prior to cleaning.

For more information contact Andel-IWS direct at our northern office:

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Andel's IWS division provides a range of materials and services within the field of environmental protection. Our product range includes specialist drainage products and alarm systems to guard against incidents of pollution. We also have the expertise to design and fabricate bespoke engineered products to individual client specifications.

Pollution is a major financial, legal and environmental risk for anyone that may have premises with a hard standing area, particularly those with fuelling facilities. It is now a legal requirement that any areas which catch rainfall and have significant vehicle traffic or fuelling areas, shall have an oil separator installed to avoid polluting the environment.

Oil interceptor or separator units catch any oil entering surface water systems. These units can only work efficiently if they are properly installed and maintained. Leaks from an interceptor or separator can go undetected for long periods of time and can lead to pollution and its associated costs.

Filters within interceptors become blocked with oil and silt, this prevents water passing through the interceptor and eventually the water level within the tank will begin to rise. If this process is not halted through service, the tank will eventually overflow and all of the trapped oil will spill out onto roadways and hard-standing areas. Andel-IWS will renew filters as necessary during the service operation.

Andel-IWS's proactive and cost-effective site visits as well as our interceptor alarm equipment can monitor your interceptors and give early warning of any potential problems which could cost you a lot more if left unattended.

Maskoflex® System

Our state of the art de-watering system is specifically designed for the processing of interceptor waste. By removing only the oil and sludge from interceptors by the de-watering process, many tonnes of "grey" water are returned to the interceptor and not needlessly transported on our already overburdened roads. The Maskoflex® process is demonstrated at the bottom of this datasheet.

Stage 1:
The Maskoflex® vehicle is divided into 3 compartments. The partitions are moveable to allow the optimum configuration for each individual tank. On arrival at site, chamber A is empty, chamber B is empty, and chamber C is full of clean water. The contents of the interceptor are drawn into the tanker through the Maskoflex® filter system, solids and oil are deposited into chamber A and grey water stored in chamber B.

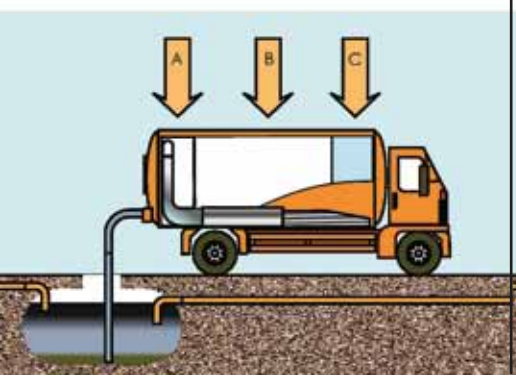
Stage 2:
When the interceptor has been completely emptied, inspection of the interceptor can take place, filter changes completed if necessary and repairs to damaged tanks carried out. High pressure jetting equipment will be used if necessary to clean heavily silted tanks. The water supply is provided from chamber C.

Stage 3:
Once cleaning and maintenance work is completed, the grey water is returned to the interceptor from chamber B. The vehicle will then leave site taking only oil and silt. In this way the cost of disposal of interceptor waste is reduced.

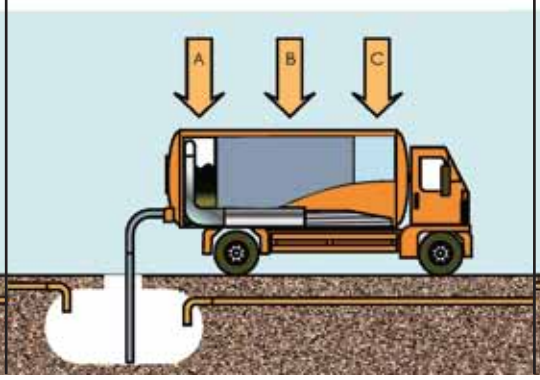
FM 512048
ISO 9001:2008

E&OE 12r02

STAGE 1



STAGE 2



STAGE 3