

THE OIL WATCH CONTAMINATION PREVENTION SYSTEM

The Heron “Oil Watch” prevents oil contamination from entering the surface water system from separation and catchment pits.

The “Oil Watch” senses the oil/water interface when it reaches a set level above the outflow port or pump intake in oil water separator tanks.

The “Oil Watch” signal can be used to automatically switch off pumps or close solenoid operated outlet valves preventing the oil layer entering the surface water or local drainage system. The signal can also be configured to warn the appropriate department of a potential for an oil release.

The “Oil Watch” utilizes the proven oil sensor technology that is being used in thousands of portable Heron Oil/Water Interface Meters.

The “Oil Watch” is supplied with either a flexible cable lead with sensor attached or a rigid pipe assembly for mounting at a convenient place in the tank.

The “Oil Watch” will work on either 110/120V or 220/240V support systems. Please specify when ordering.

The “Oil Watch” delivers a 4-20 mA signal for the user to integrate into the site control system.

The “Oil Watch” has a redundancy factor built into the unit. Each system has two separate sensor systems. The control will be notified in the event of either system malfunction or total failure of the system. When the “Oil Watch” gives the warning signal, this indicates that the oil is within 12 inches from the “shut off” signal. When the “shut off” occurs, the system cannot be restarted until the oil layer rises to above the “warning” level. At this point, the pump/outlet valve will be reactivated.

A facility to provide a 12 volt emergency electric supply in the event of power interruption is also provided.

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