

## Using the INVALCO HSS 1006 in Day to Day Steel Plant Operations

### Situation

A major North American steel plant had concerns of oils from routine operations in the production plant leaking into the plant washdown and rain-water effluent. Oils are used regularly in heat transfer and cooling water systems.

### Solution

The HSS 1006 was recommended to monitor as sample stream from the cooling water. The take off point was down stream of the heat transfer unit. The HSS 1006 was chosen because the water had suspended solids and turbidity.

The water temperature was quite warm so a water jacketed cooler was used to cool the sample to below 104F (40C) before reaching the Model HSS 1006.

The unit provides relays that will alert the maintenance department of impending low concentration leaks so that preventative action can take place.



**INVALCO Equipment**  
■ HSS 1006

### Application Drawing

