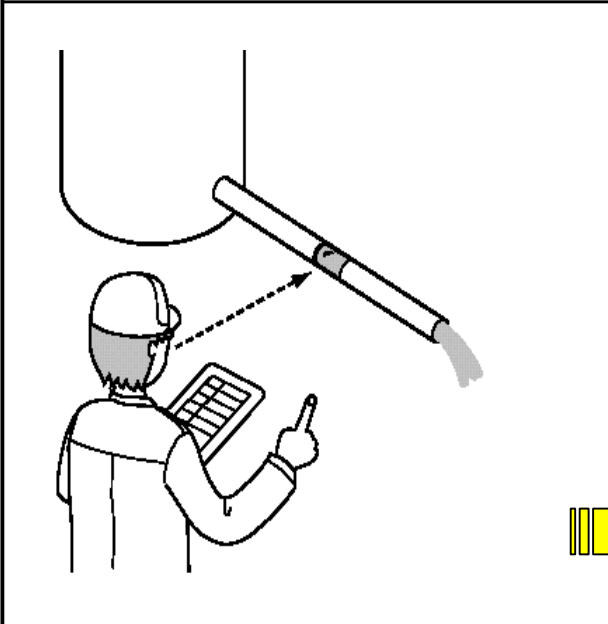




Detecting turbidity of waste liquid

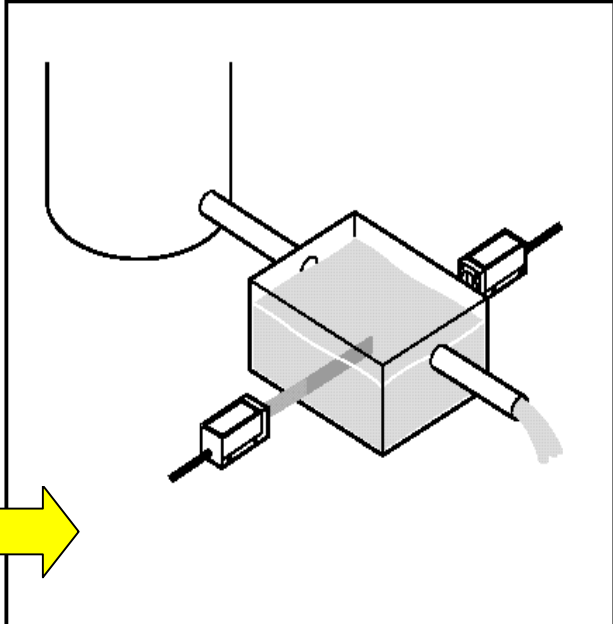
OUTLINE / PREVIOUS



PROBLEM

When failure occurs in filtrate tank of waste liquid, waste water is not filtrated and the dirty water is discharge outside. Workers had patrol inspection periodically so far. Therefore, they couldn't deal with failure quickly.

SOLUTION



MODEL / HOW TO **LA-510**

LA-510 is set at the water tank that waste liquid comes in. When failure occurs in filtrate tank and waste liquid is not filtrated, the amount of received light decreases because cloudy water is stored in the water tank. When the amount of received light decreases than threshold level prearranged, sensors judge as failure and output.

BENEFIT 1 Constant management is possible.

Tips; **LA-510** has analog output to send changing data of light amount to the controller. As a result, you can manage the condition of water as needed. You can also deal with failure quickly.

BENEFIT 2 Stable detection is possible.

Tips; **LA-510** uses laser as light source, so it can detect turbidity of liquid by stable amount of light.

BENEFIT 3

Caution; The results of detection are different on detecting objects and circumstances. Please make sure to test detection.