INTERFACE IN THE FIELD DOWNSTREAM OIL & GAS

LEVEL MATTERS IN SEPARATOR BOOTS TO INCREASE PRODUCTIVITY AND PREVENT FAILURES IN DOWNSTREAM EQUIPMENT

EVERY BOOT MATTERS

Ineffective boot interface measurement in the refinery can lead to reduced productivity, process inefficiencies and catastrophic equipment failures



CHALLENGES

Heavy liquid

Light liquid

Without reliable interface measurement undesirable liquids may be passed downstream

WATER **CARRYOVER** If water enters distillation columns or other

high-temperature units it will rapidly flash and may damage trays or other parts

HF ACID CARRYOVER

If HF acid proceeds downstream it can corrode stainless steel piping, valves, fittings and instrumentation

HYDROCARBON EXTRACTION

If hydrocarbon process liquids exit the boot it will diminish efficiency of water treatment and may plug screens or filters downstream







COSTS

Costs can reach \$550K USD per hour to have a distillation column down (based on the size of the refinery) and it may require days to bring it back up

SOLUTION

SFFNK/H

TIGHTER **CONTROL** Magnetrol[®] level devices track from 0% through

REDUCED COSTS Better level

measurement in boots

ENHANCED SAFETY

Reliable measurement mitigates potentially

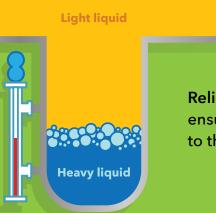
liquid outlet

100%, even for smaller vessels (shorter spans); this eliminates dead zones or blind spots

safeguards against considerable costs due to failures in downstream equipment

catastrophic failures in distillation columns or other hightemperature units





Reliable interface measurement ensures the right liquid is going to the right location

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