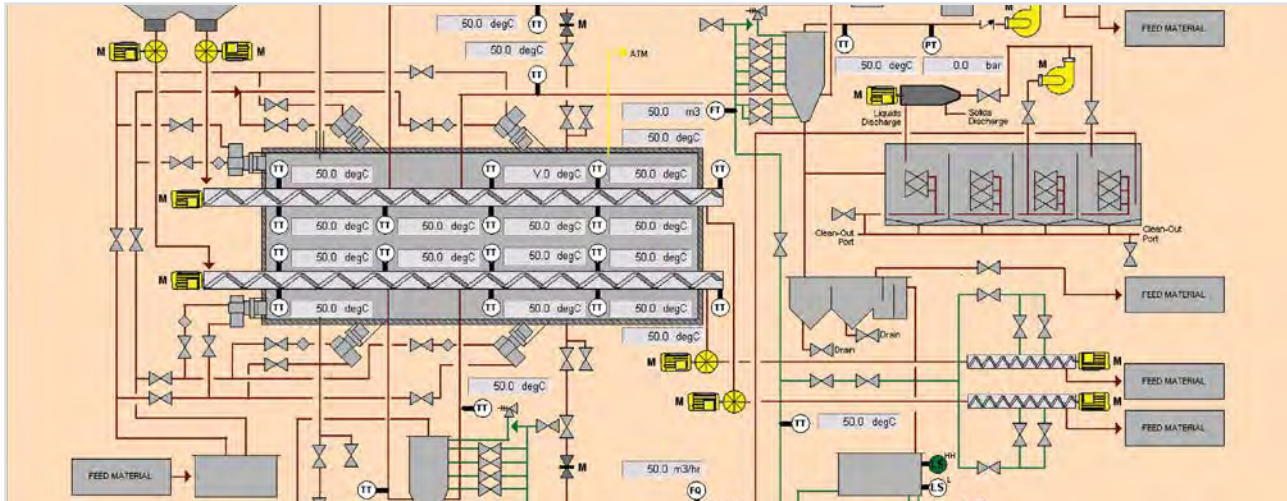


THERMAL PHASE SEPARATION (TPS)



M-I SWACO THERMAL PHASE SEPARATION (TPS) technology delivers an unprecedented level of economy and environmental benefits in the treatment of drilling fluids and drilled cuttings. These systems provide a completely self-contained, versatile process based on indirectly heated thermal desorption.

Results of TPS technology include:

- Highly efficient hydrocarbon removal and recovery
- Unsurpassed recovered oil quality for onsite base oil recycling
- Low emissions that comply with all current guidelines

Our systems, based on three primary components - desorption chamber(s), gas/liquid treatment unit, and control unit - minimize treatment costs and achieve comprehensive environmental compliance.

Features

- Processing rates in excess of 300 MT/day
- Future CE marked
- Modular design enables custom system configurations

Benefits

- Operates with low emissions
- Recovers up to 85% of valuable base oil for immediate reuse
- Consistent treated solids results: <1% TPH and 10 ppm leachable TPH
- Significantly less solids carryover (<1% BS&W) in recovered oil
- Effectively treats high-liquid-content cuttings (>40% by weight)
- Superior recovered oil quality
- Minimal personnel requirements