



ESD & KNOCKOUT DRUMS COMBINATION



JUST ONE OF OUR INNOVATIVE DESIGNS

FAV Systems Inc. Has designed and tested the FAV Systems ESD Knockout Drum Combination to prevent the flooding of flare stacks and tanks, which costs many dollars to clean up, and may cause environmental mishaps, grass or crop fires.

This is a dual system: acting as a fluid knockout for the flare stack and an ESD for the accumulate in the knockout drum. As the fluid accumulates to high level, it lifts the float arm on the shut-off valve, which in turn closes the inlet line to the separator. This insures that in the event of separator flood, where the fluids go out the meter run to the knockout drum, it would shut down the inlet flow from the wellhead, thus preventing a stack flood. Also, if accumulated fluid builds up in the knockout, it will shut down the inlet valve.

Another feature, if you are using a FAV Systems Vapor Transfer Pump on your production tanks, is that if the fluid in the tank overflows, the fluid will be pumped through the transfer pump and over to the ESD drum, where it will also shut down the inlet valve to prevent a tank flood condition.

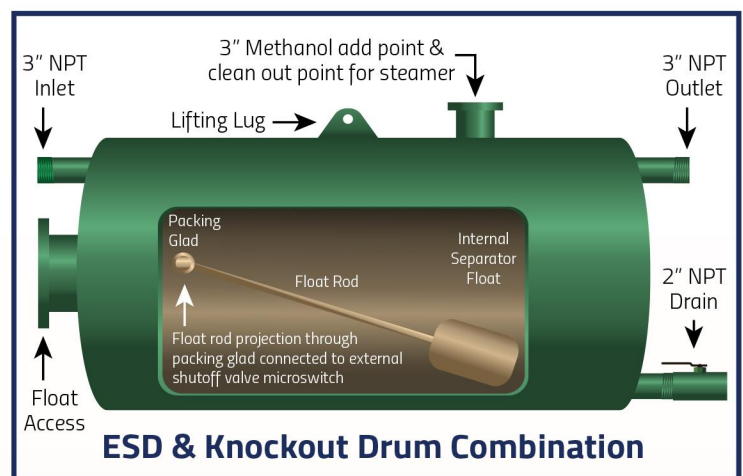
Our system also gives an indication of fluid levels in the knockout tank, and can operate a pneumatic switch to control motor valves, ESD valves and signals. The FAV Systems ESD Knockout Drum Combination is available in many standard sizes and designs.



Computer Diagnostics

FAV Systems in-house computer program allows us to design your knockout drum according to the molecular structure of the fluid to be dropped out of the flow. Please contact us for further information.

WE DESIGN & MANUFACTURE KNOCKPUT DRUMS OF ALL TYPES AND SIZES.



SPECIALIZED IN PREVENTING FUGITIVE EMISSIONS

Contact: 1 (956) 589 8832

www.favsystems.com

CUSTOM DESIGNED TO YOUR REQUIREMENTS



Double Walled
Below or Above Ground
Std. sizes: 25, 50, 100 bbl

Features:

- Inlet/outlet sizes vary by capacity
- 6" still well for level indication
- 3" pump out stinger
- 3" spare
- 2" secondary containment monitor stinger & vacuum relief
- 10 ft. Connection extension (underground only)
- Varying nozzle sizes



Secondary Containment
Above Ground
Std. sizes: 4, 25, 50, 100 bbl

Features (4 bbl):

- 3" Inlet/outlet
- 2" NPT spare
- 3" spare
- 2" NPT pump out

Features (25 - 100 bbl):

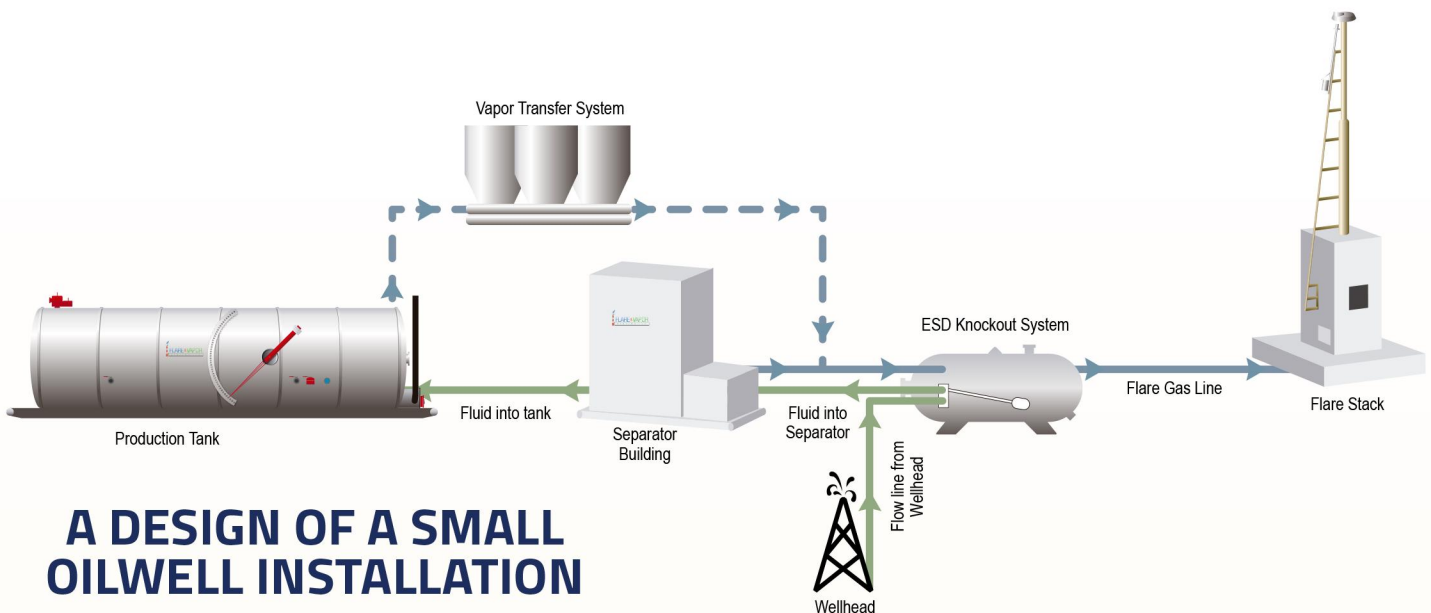
- Inlet/outlet sizes vary by capacity
- 6" float bridle with sight glass
- c/w 2" connections
- Level switch connections
- 3" spare
- 2" drain



Sheltered Secondary Containment
Above Ground
Std. sizes: 4, 25, 50, 100 bbl

FEATURES:

- Same as secondary containment
- Adds 2" thermal panel galvalume building



A DESIGN OF A SMALL OILWELL INSTALLATION