



Above Typical Pipeline Simulator monitor screen



Top Concentrate pipeline construction



Bottom Operator training

Pipeline operation and accident simulation

Operator training is key

The long-term success of any pipeline rests on the expertise of its operators. Operator training is critical to safe operation of complex pipeline systems.

Customizable solutions

Our solution is Pipeline Simulator, a sophisticated software package customized for your pipeline. Ausenco PSI has successfully employed the program around the world for pipeline system design, operating sequence determination, operator training, operations planning, and pipeline safety assessment.

Easy to navigate

Ausenco PSI's Pipeline Simulator interface is remarkably easy to use. For example, valves can be opened or closed by clicking the corresponding valve labels, and pump speed can be changed simply by moving a sliding bar. Detailed input and output data is readily viewed, and all of the screens can be captured and printed for training evaluation. Naturally, foreign language support is also available.

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Pipeline operation simulation

- Change Pump Speed and Flow Rate
- Change the Number of Operating Pumps
- Change Choke Combinations
- Shutdown/Start-up Pump Station
- Close/Open Block Valves
- Batch Operation
- Batch Tracking

Pipeline accident simulation

- Power Failure
- Accidental Mainline Valve Closure
- Pipeline Burst
- Pipeline Plug
- Rupture Disc Burst
- Pump Trip
- Loss of Power