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Product Name :
Pipeline Pigging Demonstrator

Product Code :
LBNY-0005-1910007



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Description :

Pipeline Pigging Demonstrator shows the student operator the concept of a pipeline pig moving through a pipeline including the steps required to prepare the pipeline for the pig, insert the pig and remove the pig from the pipeline. The Pipeline Pigging Demonstrator apparatus is a small scale model of a pipeline that includes a pig launching station, a short pipeline and a pig receiving station. The Pipeline Pigging Demonstrator has no process instrumentation as it is intended to demonstrate oilfield operating principles with basic visual manual operation only. Most of the components of this demonstrator are fabricated from clear plastic materials in order to allow the student operator to visualize how the pig moves through this representative pipeline system.

Function:

A pig launching station is used to insert the pig into a pipeline using a series of valves and hatches. The pig is pushed through the pipeline by the liquid or gas stream to the pig receiving station. The pig catching station works in opposite to the pig launching station. Pipeline Inspection Gauges (or Pigs) are used for pipeline cleaning, inspection and maintenance, and fluid batching in pipelines. These tools are pushed along the inside of a pipeline by the flow of liquid or gas.

Technical Specification :

Water is the available working fluid
Transparent plastic launching and receiving stations
Manual valves for fluid flow control, de-pressuring, loading, launching and receiving stages
Circulation equipment provided
Complete unit mounted on a utility size cart for ease of movement and storage
See-through plastic horizontal pipeline

Approximate overall dimensions 1050 x 600 x 1000 mm high
Available in all world voltages frequencies.



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