Low Pressure Separators (Super Separators)

Expro's low pressure separators (super separators) are designed to meet the highest safety standards and operational efficiencies required in the pipeline industry. With low pressure separator sizes ranging from 90" OD x 10' 0" S-S 200 psi w.p. 22 MMCFD / 37,000 BFPD to 84" OD x 15' 0" S-S 250 psi w.p. 30 MMCFD / 50,000 BFPD, we have the right equipment to meet your separation needs.

Our low pressure super separators have several uses; such as, second stage separator for removing entrained gases from liquids prior to being sent to atmospheric holding tanks, off line gas / liquid separation during pipeline pigging / cleaning operations, and as gas flare / vent knock out vessels. Our low pressure super separators are equipped with gas measurement capabilities. All of our low pressure super separators are ASME / NACE coded, with 100% material traceability on all components included on the units. Our low pressure super separators are designed with 2, 3, and 4 phase separation abilities that allow us to meet your project needs.

With Expro's separation experience and the use of our low pressure super separators, we safely separate all your cleaning chemicals, gels, liquids, solids and sludge's from any gases, and send these unwanted products to temporary storage for disposal, while sending your gases to a safe area for flaring or venting. So, allow us to help you minimize your loss of product, prevent pipeline shut-down time, and lower your maintenance cost.

Applications for Expro's low pressure super separators

- Second stage separation during online pigging / cleaning operations to remove entrained gases from liquids prior to sending these liquids to holding tanks
- Primary offline separation for removing liquids / solids that may have entered or has accumulated in your pipeline
- Primary offline separation during commissioning / de-commissioning of your pipeline
- Low pressure separation where gas measurement is required for allocation purposes
- Liquid knock out vessel up stream of flaring / venting of gases

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