JOULE STABILIZER SYSTEMS

2-Tower System with Y-Grade NGL Recovery

As the domestic market seeks to optimize the product stream based on ever-changing economic variables such as commodity pricing, transportation costs and quality specs, Joule has responded. Whether you’re seeking to meet a color spec in the Y-Grade, optimize the product volume (condensate, crude, NGLs), or looking for blending opportunities based on pricing uplift, our robust and flexible design allows operations to adjust the product mix based on market and operating conditions.

Joule utilizes an 80/20 design philosophy. Based on years of experience, we have developed on-skid modules for each design case that are now 80% standard, allowing us to customize the remaining 20% of the design based on each client’s needs. Our 80/20 approach provides “standard” price and delivery, yet custom fit for each application.

KEY FEATURES
• Box frame design to mount, stack or route equipment
• Inside-out design approach provides max accessibility for daily operations and maintenance
• Consolidated skids reduces footprint
• High MAWP rating
• 5:1 turndown

STANDARD SYSTEM OFFERINGS
• 2,000 BBL/D
• 5,000 BBL/D
• 10,000 BBL/D
• 20,000 BBL/D

OPTIONAL ANCILLARY EQUIPMENT
• Slug Catcher
• Inlet 3-Phase Flash Separator
• Overhead Compression
• Hot Oil Heater System
• Y-Grade NGL Pumps
• Product Storage

OPTIONAL SERVICES
• Balance-of-Plant (BOP) Engineering
• Site Preparation and Installation
• Ongoing Operations and Maintenance

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OPTIMIZED PRODUCT STREAMS
• **NGL** – Distillation of NGLs ensures Y-Grade Saybolt color specifications are met in the NGL product stream
• **Condensate** – Removes light ends to produce a truckable RVP or lower API Gravity to allow for condensate blending into crude for pricing uplift
• **Vapor** – Minimizes overhead vapor

Houston, Texas USA | 877-662-3330 jouleprocessing.com