Black & Veatch is a world leader in all aspects of natural gas processing – from gas treating and sulfur recovery to natural gas liquids (NGL) recovery and fractionation to liquefied natural gas (LNG).

Black & Veatch provides process design, engineering, procurement and construction (EPC) services, delivering safe and reliable facilities to our clients.

From feasibility studies to plant startup, the value you gain with Black & Veatch is significant. Drawing on our broad and deep expertise, you can reduce your plant life cycle costs while gaining greater operating flexibility. We can also deliver a fast-track schedule, bringing your project online sooner. Additionally, we deploy a comprehensive quality management system that is focused on excellence in execution in every phase of your project.

If you are looking for complete performance that delivers price and schedule certainty, as well as long-term value for your project, one company brings it all together, Black & Veatch.

**FULL-SCOPE SOLUTIONS**
Wherever you operate along the gas value chain, Black & Veatch has you covered.

**Acid Gas Removal**
- Systems include: chemical solvent, physical (Selexol), combined (Sulfinol), acid gas enrichment and patented high-pressure selective gas treating
- 100+ gas and liquid sweetening units
- Gas treating capacity to 2,000 million standard cubic feet per day (MMscfd)
- Solvent flows to 12,000 gallons per minute (gpm)

**Dehydration**
- Glycols, solid bed and hybrid systems
- 100+ units
- Size range: to 2,200 MMscfd
Sulfur Recovery
- Claus, cold bed absorption (CBA), tail gas and oxygen enrichment technology
- 300+ projects worldwide (more than 40,000 long tons per day (ltpd))
- Single-facility capacities over 8,000 ltpd
- Acid gas conditions:
  - Ammonia – up to 45 percent
  - Hydrogen Sulfide – 12 to 100 percent
  - Hydrogen Cyanide – up to 2 percent
- 10+ units
- Size range – to 105 MMscfd
- Compression – to 100,000 horsepower (hp)

TECHNOLOGY FOCUS
Black & Veatch is a global leader specializing in gas processing, sulfur recovery and LNG technologies. Our comprehensive design to turnkey construction solutions, backed by our proven performance in safety, reliability and environmental considerations, delivers consistent value.

PROJECT TYPES
- Baseload/mid-scale/peak shaver natural gas liquefaction
- LNG regasification terminals
- Sour/rich gas processing
- Sulfur recovery
- Syngas processing: ammonia, methanol and GTL

TECHNOLOGY LEADERSHIP
- PRICO®/PRICO-DMR® for liquefaction of natural gas
- LPG-PLUS® for LPG recovery
- PRICO-NGL®/PRICO-C2® for ethane recovery
- PRICO-EX® for ethane export
- STEP sulfur to power
- Heat-assisted ambient air vaporization (LNG)
- Integrated NGL recovery in LNG terminals
- Integrated power generation/LNG terminals

EXECUTION LEADERSHIP
- 3,000+ assignments in more than 40 countries
- Proven performance in safety, reliability and environmental considerations
- Innovative execution capabilities

NGL Recovery
- Experience in the latest high-ethane and propane recovery designs
- 75+ units
- Size range: to 2,200 MMscfd
- Ethane recovery – up to 98 percent
- Propane recovery – in excess of 99 percent
- LPG-PLUS® for propane recovery
- PRICO-NGL®/PRICO-C2® for ethane recovery
- PRICO-EX® for ethane export

NGL Fractionation
- Unmatched operating flexibility
- Maximum energy efficiency
- 20+ units
- Size range: to 170,000 barrels per day (BPD)

Natural Gas Liquefaction
- More than 50 years of experience, including design and construction of world’s first baseload LNG plant
- Enhanced PRICO® process applied in numerous small-scale and peak shaving applications
- Size range: small-scale, mid-scale, baseload

Enhanced Oil Recovery
- Membranes, amines, physical solvents, low temperature carbon dioxide (CO₂) fractionation and lean oil/Ryan-Holmes options for separation of hydrocarbon and hydrogen sulfide (H₂S) from CO₂
- 10+ units

BUILDING A WORLD OF DIFFERENCE®
Black & Veatch is an employee-owned, global leader in building critical human infrastructure in Power, Oil & Gas, Water, Telecommunications and Government Services. Since 1915, we have helped our clients improve the lives of people in over 100 countries through consulting, engineering, construction, operations and program management. Our revenues in 2015 were US $3 billion. Follow us on www.bv.com and in social media.

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