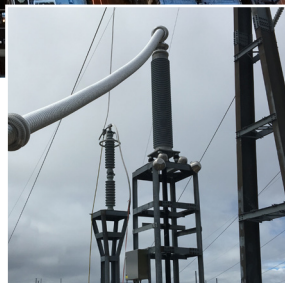
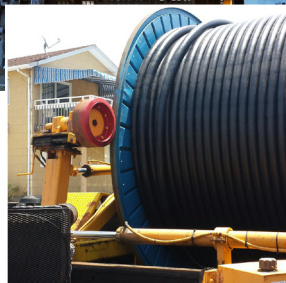


HIGH VOLTAGE SERVICES CATALOG

Turnkey Installation, Testing, and Asset Management Services



PRYSMIAN GROUP

VISION, MISSION, VALUES

Vision

The Prysmian Group believes in the effective, efficient and sustainable supply of Energy and Information as a primary driver in the development of communities



Mission

The Prysmian Group provides its customers worldwide with superior cable solutions based on pioneering technology and consistent excellence in execution, ultimately delivering sustainable growth and profit.



Values

Excellence

Every day we relentlessly pursue excellence in all we do

Understanding

We listen closely to our customers to really understand their needs

Integrity

We uphold the highest standards of integrity in our actions



Prysmian Group

We are the market, innovation, and technology leader in the global cables industry.

Prysmian Group is the world leader in the energy and telecom cables and systems industry. With more than 130 years of experience, sales in excess of €7 Billion in 2015, over 19,000 employees in 50 countries and 88 production sites, the Prysmian Group offers the widest possible range of products, services, technology and know-how for every type of industry thanks to an extensive commercial presence and 17 R&D centers in Europe, the United States, South America and China, with more than 500 qualified R&D professionals.

Prysmian is a public company, listed on the Italian Stock Exchange in the FTSE MIB index.

Complete HV Cable Systems

Prysmian employs a North American based organization of engineering and operations personnel dedicated to providing turnkey high voltage underground project services. Our team has experience with the largest and most complicated projects ever installed in North America. Prysmian's locally based project team allows us to self-perform 100% of critical project tasks ranging from preliminary engineering through final commissioning testing. The integrated nature of our group ensures that projects can be executed to the highest standards with the greatest efficiency.

The absence of 3rd party contractors prevents external coordination and planning issues from impacting project schedules. Prysmian's dedicated team of installers specialize in HV/EHV cable installation, resulting in unparalleled experience and competence to complete the most challenging activities.

In addition to being the world's largest HV/EHV cable manufacturer, Prysmian is one of the largest cable installation contractors in North America, capable of managing multiple large scale projects across the country.

Prysmian North American Installation Experience

Prysmian's North American installation group has completed more than 125 projects including over 5 million feet of HV/EHV cable and over 3000 accessories.

Prysmian successfully installed a 7200 ft length of cable, the longest HV XLPE cable pull performed in North America.

Installation

HV/EHV Cable and Accessory Installation and Termination Services



- North American based Prysmian cable pulling crews
- North American based Prysmian splicing crews
- Experienced HV/EHV installers, engineers, technicians, and project managers
- HV installation and site management services
- HV splicing and termination services
- 69kV to 500kV

HV/EHV Cable and Accessory Installation Equipment



- Cable reel trailers rated up to 100,000 lb
- Cable reel stands rated up to 200,000 lb
- Pulling winches rated up to 80,000 lb

On-Site Testing

HV/EHV AC HiPot & PD Testing and Commissioning Capabilities



Commissioning Testing

- On-Site AC HiPot Commissioning Testing as per IEC 60840 and IEC 62067
- Testing of up to 500 kV cables at 1.7U₀ via extension set.
- Terminal Partial Discharge Testing for short, non-jointed cable systems
- Daisy chained Partial Discharge Testing Solution for jointed cable systems
- Testing of sheath bonding systems

Asset Condition Assessment Services

- Visual inspection of cable system
- Manhole inspections
- Cable system faults and failure investigation
- Lowering in-service fault via periodic or permanent on-line PD Monitoring via PryCam PD Technology
- Permanent installation of non-invasive external PD Sensor (differential field probe)
- If PD is present in an HV joint, exact location of PD source within the joint via scanning



Measurement

Solution for Daisy-Chaining/Grid PD Measurements



- PryCam™ grids
- DC to 100 MHz
- 3 channel input
- Waterproof
- -55C to +55C
- Continuous or periodic PD measurements
- Wireless or fiber optic communication



Technical Assessments

- Comprehensive site investigations and technical assessments
- Advanced North American laboratories for testing materials and components

Support

Emergency/After Hour Response:

- 24 Hour on-call project management and support crews
- North American based installation and splicing crews
- North American inventory of HV cable and accessories
- Emergency failure repair



Abbeville, SC Plant

Prysmian Group

LINKING the FUTURE

Prysmian Group

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