



Oil and Gas Solutions

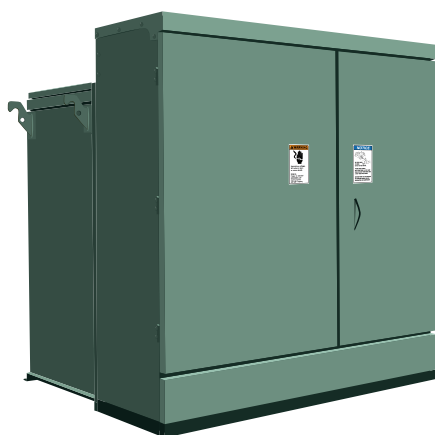
Grounding, Bonding
and Connectivity
Solutions for
Oil and Gas industries



Product-Application Matrix

See where the ILSCO line of electrical connectors can be used in oil & gas facilities.

Pad Mounted Transformer



Main Electrical Service



Hazardous Location Equipment



ILSCO Product Category	Pad Mounted Transformer	Main Electrical Service	Hazardous Location Equipment
PermaGround® Compression Grounding	●	●	●
PermaGround® Compression Grounding H-Tap			●
PermaGround® Compression Grounding Plate	●		
SureCrimp® Compression Lugs	●	●	●
PermaGround® U-Bolt Ground Clamp		●	●
PermaGround® Ground Clamp Connectors		●	●
Service Post Connector	●		●
Split Bolts - IK		●	●

Compression

grounding, bonding and power connectors



PermaGround® Compression Grounding

ILSCO's PermaGround compression product line serves to protect by offering a safe and reliable connection. All connectors are rated for grounding, bonding and direct bury applications. Design versatility enables the installer freedom to customize grids for unique site requirements.



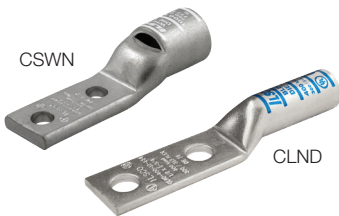
PermaGround® Compression Grounding H-Tap

ILSCO's copper H-taps are suitable for tap or splice applications. They are manufactured from high conductivity copper and can be used in grounding, bonding and direct bury applications.



PermaGround® Compression Grounding Plate

Made of cast copper alloy for high strength and high conductivity. They have an underside tapped hole for ease of positioning. Available in two and four hole NEMA spacing configurations. They are used in grounding, bonding and direct bury applications for concrete pads.



SureCrimp® Compression Lugs

Our copper SureCrimp Compression line is not just for power, but also rated for grounding, bonding and direct bury applications. They are qualified to be used with eight strand classes of conductor (B, C, DLO, G, H, I, K & M).

CERTIFICATIONS



ILSCO products are made from quality materials and meet rigorous manufacturing standards. Products meet all applicable UL and CSA standards and are compliant to the NEC code. Products are also compliant to Prop 65, REACH and RoHS directives.

Heavy Duty Mechanical

for grounding, bonding and power connections



GPL

PermaGround® U-Bolt Ground Clamp

GPL ground clamps are for parallel and 90° copper conductor connections to pipes, rods, rebar and fence posts. They are made from bronze and copper alloys with silicone bronze hardware for corrosion resistance. They are rated for grounding, bonding and direct bury applications.



GJS



GH



GTGC

PermaGround® Ground Clamp Connectors

ILSCO offers a variety of clamp connectors with different configurations and materials. Whether they are tin plated, copper, single bolt or double bolt, they are all rated for grounding, bonding and direct bury.



SPS

Service Post Connector

ILSCO's service post connectors are used for the grounding of steel structures and utility transformers. All are for copper to copper connections. They are range taking and re-usable.



IK

Split Bolts - IK

These copper split bolts are suitable for use with solid, compact, compressed and concentric conductor. They are approved for use in power, grounding, bonding and direct bury applications.



TB-12U1000-P

Crimp Tools

IlSCO's ultra-durable crimp tools are precisely engineered and rigorously tested to endure grueling use and harsh environments while delivering the power, speed, efficiency and ergonomics that make any job faster and easier. These tools will guarantee a strong crimp every time and are perfect for use with IlSCO compression connectors.



DSA1020TRMS

Sperry Meters

Testing equipment can be put to good use ensuring that electrical equipment is properly installed and safe to operate. Faulty installations can be lethal; the condition of electrical installations can be established when contractors use test equipment. Sperry Internments offers a line of testing equipment that is perfect for work at electrical service panels and other applications at oil and gas facilities.



XE-050-1S1X-C

Surge Suppressors SE, XE models

Use these surge devices to keep electrical devices & equipment in oil and gas facilities operating unaffected from voltage spikes or transient voltage surges. Triggers of transient surges can range from the stopping & starting of motors, appliances, & electronics, to even the simple flipping of a light switch. Severe weather, lightning, & fluctuations in utility power can also cause power disturbances. Layered surge protection will protect equipment and save money.