

质量不锈 诚信如钢

公司简介

COMPANY PROFILE

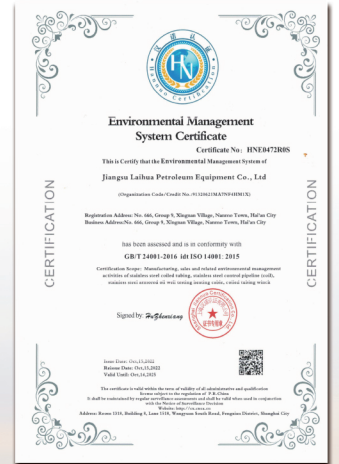
江苏莱华石油装备有限公司，是专业生产不锈钢高压特长控制管线（盘管）、连续油管；不锈钢超长高温测试电缆、油井稠油加热电缆、光纤测温电缆等等；多通道多功能同芯连续管、连续油管及绞车配套设备产品的专业生产厂家。公司位于传统的江南文化 – 江苏省海安市，公司现有总资产 5000 万元，厂区占地面积 2860 平方米，建筑面积 1680 平方米，公司拥有多条不锈钢管生产线，制管机组、拉伸机组、井式电炉、在线真空光亮炉等各类生产设施齐全，公司还建有符合不锈钢管件质检要求的质检中心，质检中心拥有拉力试验台、300MPA 液压试验机、维氏硬度仪、光谱仪、涡流探伤检测仪等 – 系列不锈钢产品测试、检验设备，从而确保不锈钢产品化学性能与物理性能的可靠性及稳定性年生产不锈钢连续油管及绞车配套设备及配件等产品 5000 吨以上。

公司主导产品不锈钢高压特长连续油管；不锈钢超长高温测试电缆、油井稠油加热电缆、光纤测温电缆等等；多通道多功能同芯连续管、连续油管及绞车配套设备等由我公司自主研究开发，填补了国内空白，其各项性能指标经中国石油天然气集团公司石油管材监督检验中心检测（2000 管检字 046、047）标准要求，部分质量指标已超过国际同类产品水平。产品经辽河油田、大庆油田、新疆煤矿、陕西煤矿、内蒙古煤矿等使用，获得广泛好评，可替代进口产品。产品主要用于石油、煤炭、化工、船舶、食品、环保等行业。公司创建以来，始终坚持以科技为先导，以产品质量为前提，强化质量管理，不断扩大市场份额，并与有关高等院校、科研单位建立了稳定的技术协作关系。

公司生产工艺先进，产品质量稳定在用户中享有较高的信誉。目前，产品畅销北京、陕西、山东、上海、江苏、吉林、黑龙江、新疆等十多个省市，并出口伊朗、美国、阿曼、巴基斯坦、哈萨克斯坦、新加坡、俄罗斯等国家，并得到了国内外用户的一致好评。

近年来我公司与中国矿业大学、吉林大学等有关高等院校、科研单位建立了稳定的技术协作关系，研发开创了煤炭地下气化项目所用的多通道多功能同芯连续管及后退装置运行系统设备，针对该项技术，近年来我公司煤炭地下气化项目，为内蒙古乌兰察布新奥集团、陕煤集团生产多通道多功能同芯连续管及后退装置运行系统设备，并得到了各集团公司的一致好评，现我公司又与新疆 – 克拉玛依签订了 $\Phi 80$ 多通道多功能同芯连续管 1750M 及后退装置运行系统设备的制作安装合同，该项目的管道及设备正在生产制造中；我公司近期又与贵阳煤炭局洽谈煤炭地下气化多通道多功能同芯连续管及后退装置运行系统设备，山东兖矿气、煤混合发电项目也正在技术洽谈交流之中。

企业资质 ENTERPRISE QUALIFICATION



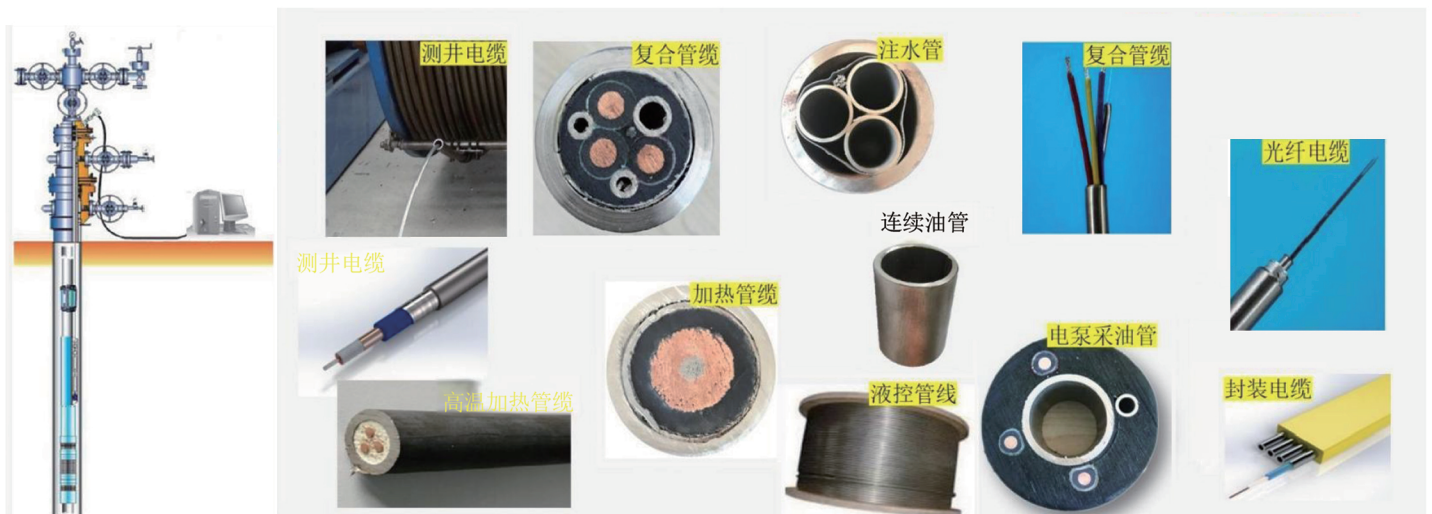
Enterprise Qualification

我们的产品

OUR PRODUCT

- 1、不锈钢盘管
- 2、不锈钢液压控制管线(超长)
- 3、不锈钢连续油管
- 4、不锈钢铠装测试电缆
- 5、油田专用不锈钢油井温度压力传感测试电缆
- 6、不锈钢包塑管 (电缆)
- 7、不锈钢铠装信号线
- 8、不锈钢护套光纤高温测井混合电缆管
- 9、连续油管专用托撬绞车
- 10、船舶、航天、天然气、石油化工专用控液压制管及卡套接头等。

1. Stainless steel coil
2. Stainless steel hydraulic control pipeline (extra long)
3. Stainless steel continuous oil pipe
4. Stainless steel armored test cable
5. Oil Field Special Stainless Steel Oil Well Temperature and Pressure Sensing Test Cable
6. Stainless steel wrapped plastic pipe (cable)
7. Stainless steel armored signal wire
8. Stainless steel sheathed fiber optic high-temperature logging hybrid cable pipe
9. Special lifting winch for coiled tubing
10. Ships, aerospace, natural gas, petrochemical specialized hydraulic control pressure pipes and sleeve joints, etc.



不锈钢连续油管

STAINLESS STEEL COILED TUBING



钢管材质：316L、310S、2205、2507、304、碳钢等

钢管壁厚：0.8MM—1.65MM

钢管外径：1"—3.5"

钢管长度：500M—10000M

耐 压：50MPA—120MPA

注：材质规格等可根据用户要求定制。

Steel pipe material: 316L, 310s, 2205, 2507, 304, carbon steel, etc

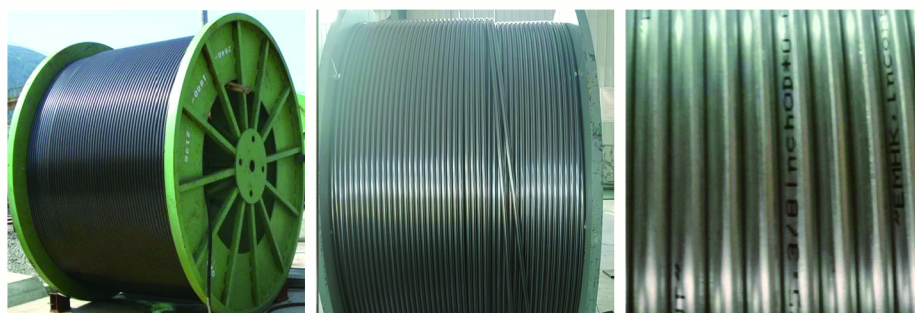
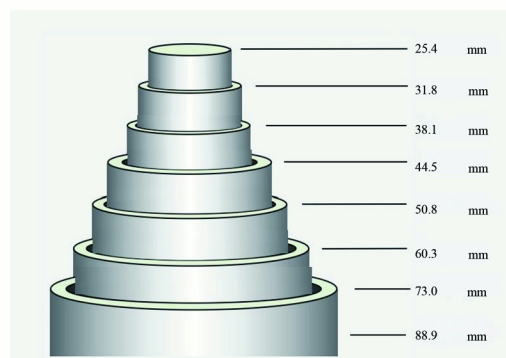
Steel pipe wall thickness: 0.8mm-1.65mm

Steel pipe outer diameter: 1" — 3.5"

Steel pipe length: 500M-10000M

Withstand voltage: 50MPA-120MPA

Note: Material specifications can be customized according to user requirements.



不锈钢（铠装）高温测试电缆系列

STAINLESS STEEL (ARMORED)
HIGH-TEMPERATURE TESTING CABLE SERIES



不锈钢高温测试电缆

钢管材质：316L、316、304、INCOLOY825、
INCOLOY625、碳钢等

钢管壁厚：0.2MM—3MM

钢管外径：6MM—32MM

钢管长度：1000M—10000M

耐 压：50MPA—120MPA

耐 温：100℃—400℃

注：材质规格等可根据用户要求定制。

Stainless steel high-temperature testing cable

Steel pipe material: 316L, 316, 304, incoloy825,
incoloy625, carbon steel, etc

Steel pipe wall thickness: 0.2mm-3mm

Steel pipe outer diameter: 6mm -32mm

Steel pipe length: 1000M-10000M

Withstand voltage: 50MPA-120MPA

Temperature resistance: 100 °C-400 °C

Note: Material specifications can be customized according
to user requirements.

用途：高温测试电缆配合高温测试车主要用于稠油采井多参数测试中，该电缆给井下仪器提供电源，将井下仪器信号传递给地面采集系统，在起下仪器时用于提拉仪器。由于该电缆的特殊结构（整根毛细管，里面穿高温电缆），能较好地进行井口防喷管密封。该电缆如里面穿热电偶导线可用于注气井或观察井测温方面。

由于该电缆的特殊结构也可用于其它井直读测试中。

Purpose: The high-temperature testing cable, combined with the high-temperature testing vehicle, is mainly used in multi-parameter testing of heavy oil production wells. This cable provides power to downhole instruments, transmits downhole instrument signals to the ground acquisition system, and is used to lift and pull instruments when lifting and lowering them. Due to the special structure of the cable (a whole capillary tube with high-temperature cables inside), it can effectively seal the wellhead anti spray pipe. This cable can be used for temperature measurement in gas injection wells or observation wells if a thermocouple wire is threaded inside.

Due to its special structure, this cable can also be used in other direct reading tests.

不锈钢光纤测试电缆

STAINLESS STEEL FIBER OPTIC TESTING CABLE

外管材质：316L、310S、825、625、2205 等

钢管外径：Φ 1/4"— 1"

钢管厚度：0.2MM — 3.5MM

耐 压：40MPA — 100MPA

内芯纤丝：1—12 根（按照客户需求定制）

长 度：1000—10000M

耐 温：100℃—800℃

注：材质规格等可根据用户要求定制。

光纤测温、测压工艺

Outer tube material: 316L, 310S, 825, 625, 2205, etc

Outer diameter of steel pipe: φ 1/4"— 1"

Steel pipe thickness: 0.2mm-3.5mm

Pressure resistance: 40Mpa -100Mpa

Inner core filaments: 1-12 pieces (customized according to customer needs)

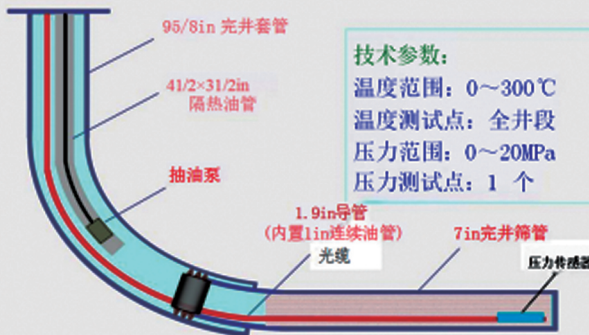
Length: 1000-10000m

Temperature resistance: 100 °C -800 °C

Note: Material specifications can be customized according to user requirements Fiber optic temperature and pressure measurement process



- ▣ 监测系统：光缆、压力传感器、光端机、解调仪
- ▣ 已形成地面预置、起下、井口密封保护、测试、数据存取等系列工艺；



技术参数：
 温度范围：0~300℃
 温度测试点：全井段
 压力范围：0~20MPa
 压力测试点：1 个



不锈钢盘管、控制管线系列

STAINLESS STEEL COIL AND CONTROL PIPELINE SERIES



液压控制管线用途说明

液压控制管线，又叫毛细管。主要用于油气田井下毛细管测压，即将温度和压力传感器（又叫井下永久式压力计，一般为氮气筒）与油气井生产管柱一起下入井下数千米深的油气层部位，然后将液压控制管线（毛细管）从温度和压力传感器一直连接到地面的荧光显示器，这样井下温度和压力就可以通过毛细管传到地面，通过地面显示器的荧光屏就可以读出井下油气层处的瞬间温度和压力，从而实现井下温度和压力的实时监测。

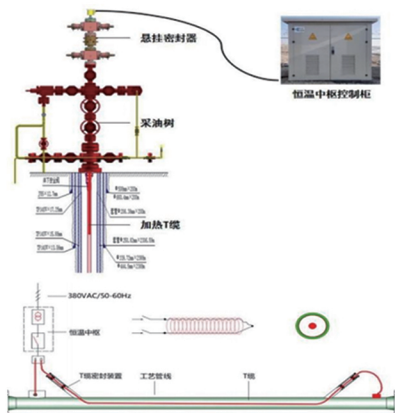
液压控制管线也用于给油气井注入化学药剂。即将液压控制管线连接到井下化学药剂注入阀上，通过液压控制管线和化学剂注入阀将除垢剂化学药剂从地面注入到井下一定深度的油管里，有效去除油管的结垢，确保油气田正常生产。

还可用于地面安全阀及其它地面阀门的压力控制，以及油气田钻井和采油大型设备仪表控制系统的各种连接管线。

注：材质规格等可根据用户要求定制。

Instructions for the use of hydraulic control pipelines Hydraulic control pipeline, also known as capillary. Mainly used for underground capillary pressure measurement in oil and gas fields, that is, temperature and pressure sensors (also known as underground permanent pressure gauges, usually nitrogen gas cylinders) are lowered into the oil and gas reservoir several kilometers deep underground along with the production string of the oil and gas well. Then, the hydraulic control pipeline (capillary) is connected from the temperature and pressure sensors to the fluorescent display on the ground, so that the underground temperature and pressure can be transmitted to the ground through the capillary, The real-time monitoring of underground temperature and pressure can

be achieved by reading the instantaneous temperature and pressure at the oil and gas reservoir through the fluorescent screen of the ground display. Hydraulic control pipelines are also used to inject chemicals into oil and gas wells. Connect the hydraulic control pipeline to the underground chemical injection valve, and inject the detergent chemical from the ground into the oil pipe at a certain depth underground through the hydraulic control pipeline and chemical injection valve, effectively removing scale from the oil pipe and ensuring normal production of the oil and gas field. It can also be used for pressure control of surface safety valves and other surface valves, as well as various connecting pipelines for instrument control systems of large equipment in oil and gas field drilling and production. Note: Material specifications can be customized according to user requirements.



钢管材质：316L、310S、2205、2507、304、825、625 等
 钢管壁厚：0.8MM—1.65MM
 钢管外径：1/8"—1/2"
 钢管长度：500M—10000M
 耐 压：50MPA—120MPA
 注：材质规格等可根据用户要求定制。

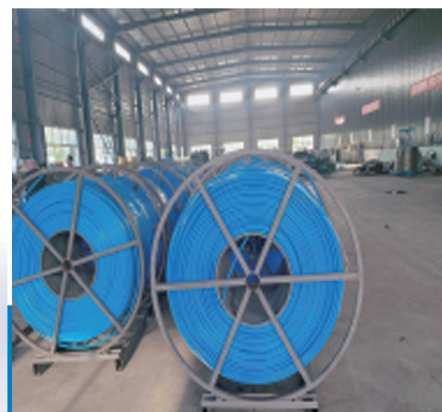
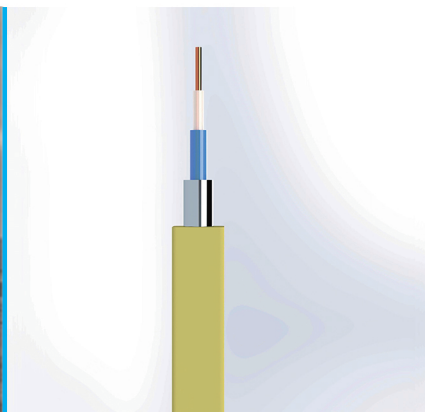
Steel pipe material: 316L, 310s, 2205, 2507, 304, 825, 625, etc
 Steel pipe wall thickness: 0.8mm-1.65mm
 Steel pipe outer diameter: 1/8 "-1/2"
 Steel pipe length: 500M-10000M
 Withstand voltage: 50MPA-120MPA
 Note: Material specifications can be customized according to user requirements.

Control Line Tubing Data Sheet

OD	WT	Material	Tensile Strength	Yield Strength	Theoretical Collapse	Theoretical Burst Pressure	Theroretical Working Pressure	Recomm Nded Test Pressure
inch	inch		(min)Mpa	(min)Mpa	Mpa	Mpa	Mpa	Mpa
0.25	0.035	316L	517	207	46	146	44	53
		2205	655	483	106	185	103	123
		825	586	241	53	166	52	61
		625	828	414	182	233	176	106
0.25	0.049	316L	517	207	60	212	64	77
		2205	655	483	140	268	149	172
		825	586	241	70	240	74	90
		625	828	414	240	339	255	153
0.25	0.065	316L	517	207	74	289	87	104
		2205	655	483	173	366	203	172
		825	586	241	86	327	101	122
		625	828	414	297	462	348	172
0.25	0.083	316L	517	207	86	372	112	134
		2205	655	483	202	472	262	172
		825	586	241	101	423	131	157
		625	828	414	346	597	449	172
0.375	0.035	316L	517	207	32	94	28	34
		2205	655	483	74	119	66	79
		825	586	241	37	106	33	40
		625	828	414	127	150	114	68
0.375	0.049	316L	517	207	43	135	41	49
		2205	655	483	100	171	95	114
		825	586	241	50	153	48	57
		625	828	414	172	217	163	98
0.375	0.065	316L	517	207	54	185	56	67
		2205	655	483	127	234	130	156
		825	586	414	63	209	65	78
		625	828	414	218	295	223	134
0.375	0.083	316L	517	207	66	242	73	88
		2205	655	483	154	307	170	172
		825	586	241	77	274	86	102
		625	828	414	263	388	292	172
0.5	0.035	316L	517	207	24	69	21	26
		2205	655	483	57	88	49	59
		825	586	241	28	78	25	30
		625	828	414	97	110	83	50
0.5	0.049	316L	517	207	33	99	30	36
		2205	655	483	57	88	49	59
		825	586	241	28	78	25	30
		625	828	414	97	110	83	50
0.5	0.065	316L	517	207	33	99	30	36
		2205	655	483	77	126	70	83
		825	586	241	39	112	35	42
		625	828	414	133	159	119	72
0.5	0.083	316L	517	207	52	176	53	64
		2205	655	483	123	223	124	148
		825	586	241	61	199	62	74
		625	828	414	210	281	212	128



不锈钢包塑管系列（包塑电缆）



不锈钢包塑管

钢管材质：316L、316、304、INCOLOY825、INCOLOY625、碳钢等

钢管壁厚：0.2MM—3MM

钢管外径：6MM—32MM

钢管长度：1000M—10000M

耐 压：50MPA—120MPA

耐 温：100℃—220℃

包塑外形：圆形、方形

塑层材质：PVC、F40、F46、PU 材料等

注：材质规格等可根据用户要求定制。

Stainless steel wrapped plastic pipe

Steel pipe material: 316L, 316, 304, incoloy825, incoloy625, carbon steel, etc

Steel pipe wall thickness: 0.2mm-3mm

Steel pipe outer diameter: 6mm -32mm

Steel pipe length: 1000M-10000M

Withstand voltage: 50MPA-120MPA

Temperature resistance: 100 °C -220 °C

Wrapped shape: circular, square

Plastic layer material: PVC, F40, F46, PU material, etc

Note: Material specifications can be customized according to user requirements.

不锈钢热电偶补偿导线电缆

STAINLESS STEEL FIBER OPTIC TESTING CABLE

外管材质： 316L、310S、825、625、2205 等
 钢管厚度： 0.2MM—3.5MM
 耐 压： 40MPA—100MPA
 内芯线： 1—8 根（按照客户需求定制）
 长 度： 1000—10000M
 耐 温： 100℃—800℃
 注：材质规格等可根据用户要求定制。

Stainless steel thermocouple compensation wire cable
 Outer tube material: 316L, 310S, 825, 625, 2205, etc
 Steel pipe thickness: 0.2mm-3.5mm
 Pressure resistance: 40Mpa -100Mpa
 Inner core wire: 1-8 pieces (customized according to customer needs)
 Length: 1000-10000m
 Temperature resistance: 100 °C-800 °C
 Note: Material specifications can be customized according to user requirements.

- (1) 能够准确了解井筒温度及地层温度、能够准确了解井筒压力分布油层温度，直观指导生产制度的调整；
- (2) 为分析地层供液能力、合理制定生产制度提供直接的监测数据，起到井下“眼睛”的作用；
- (3) 对注汽井来说，可以实时监测井下的蒸汽温度压力动态变化，分析蒸汽相态、注汽效果、闪蒸情况、水平段热连通状况，从而进行注采参数调整与优化。

- (1) Being able to accurately understand wellbore temperature and formation temperature, accurately understand wellbore pressure distribution and reservoir temperature, and intuitively guide the adjustment of production systems;
- (2) To provide direct monitoring data for analyzing the fluid supply capacity of the formation and formulating production systems in a reasonable manner, playing the role of an underground "eye";
- (3) For steam injection wells, real-time monitoring of the dynamic changes in steam temperature and pressure underground can be carried out, analyzing the steam phase state, steam injection effect, flashing situation, and horizontal thermal connectivity, thereby adjusting and optimizing injection and production parameters.

■ 监测系统：热电偶、毛细管、监测仪表

■ 已形成地面预置、起下、井口密封保护、测试、数据存取等系列工艺；

技术参数：

温度范围：0~300℃

温度测试点：6 ~ 12个

压力范围：0~20MPa

压力测试点：1 ~ 2个

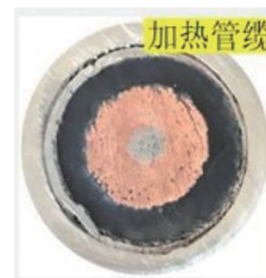




连接管（内置热电偶、毛细管）

油井专用铠装加热T缆

SPECIAL ARMORED HEATING T-CABLE FOR OIL WELLS



钢管材质：316L、2205、2507、825、CT70-CT130 等

钢管壁厚：1.5MM—3MM

钢管外径：16MM—25.4MM

钢管长度：1000M—5000M 的电加热成套装置，在陆地及海上油田开采中均可应用。

Steel pipe material: 316L, 2205, 2507, 825, CT70-CT130, etc

Steel pipe wall thickness: 1.5mm-3mm

Outer diameter of steel pipe: 16mm-25.4mm

Steel pipe length: 1000M-5000M

应用领域：

电感应加热系统是我公司专门为稠油、超稠油、高含蜡油、水化合物冻堵及页岩油热采工艺而研发的电加热成套装置，在陆地及海上油田开采中均可应用。

Application field:

The electric induction heating system is a complete set of electric heating devices developed by our company specifically for heavy oil, ultra heavy oil, high wax oil, water compound freezing and plugging, and shale oil thermal recovery processes. It can be applied in both onshore and offshore oilfield exploitation.

六大技术优势：

1. 使介质获得较好的流动性；
2. 减少甚至取消稀油或其它化学物质的使用量；
3. 对影响或破坏环境的风险很低；
4. 可有效的提高油气采收率； STEEL PIPE MATERIAL: 316L, 2205, 2507, 825, CT70-CT130, ETC
5. 保证油气生产稳定，提高油气产量；
6. 降低油气开采总成本；



Six major technological advantages:

1. Ensure good fluidity of the medium;
2. Reduce or even eliminate the use of thin oil or other chemical substances;
3. The risk of affecting or damaging the environment is very low;
4. It can effectively improve oil and gas recovery rate;
5. Ensure stable oil and gas production and increase oil and gas production;
6. Reduce the total cost of oil and gas extractio

不锈钢卡套接头

STAINLESS STEEL FERRULE JOINT

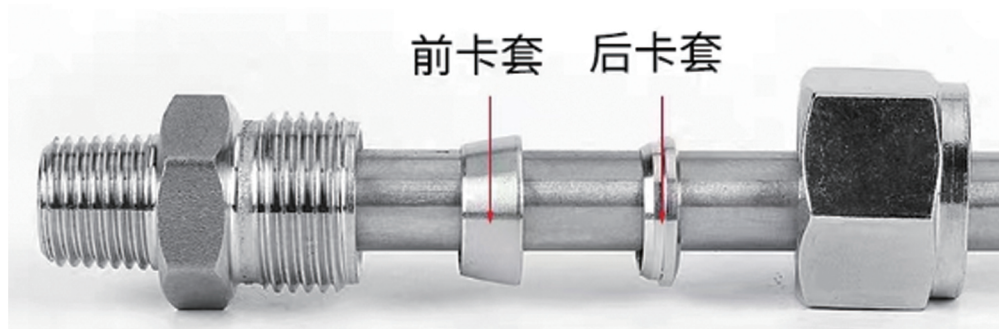
卡套式管接头由三部分组成：接头体、卡套、螺母。当卡套和螺母套在钢管上插入接头体后，旋紧螺母时，卡套前端外侧与接头体锥面贴合，内刃均匀地咬入无缝钢管，形成有效密封。卡套接头具有耐腐蚀，耐高压，安装简单，耐用的特点。



The ferrule type pipe joint consists of three parts: the joint body, ferrule, and nut. When the clamp and nut are inserted into the joint body on the steel pipe, and the nut is tightened, the outer side of the front end of the clamp fits the conical surface of the joint body, and the inner edge evenly bites into the seamless steel pipe, forming an effective seal. The ferrule joint has the characteristics of corrosion resistance, high pressure resistance, simple installation, and durability.

产品信息

产品名称 卡套直通终端	产品材质 美标 304/316L
适用温度 ≤450°	连接方式 螺纹连接
螺纹 ZG-M-NPT-G 等	适用介质 油水气等介质
压力 0-20MPA	适用配管 不锈钢管 Φ3-Φ42



连续油管拖撬绞车

COILED TUBING TOW WINCH





液控管线作业绞车



井下作业设备



矿用作业设备

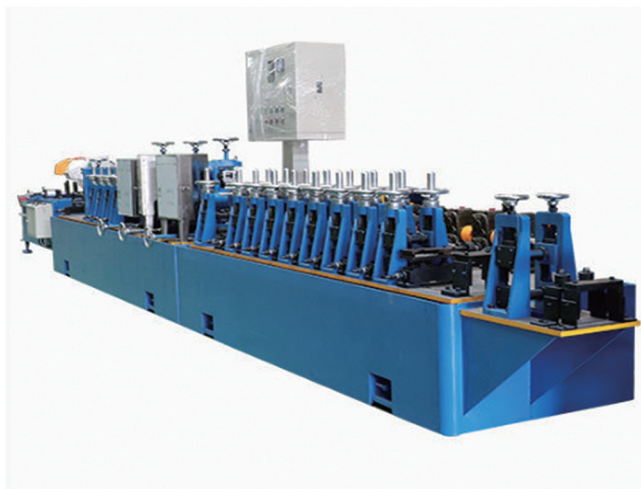


连续油管作业设备

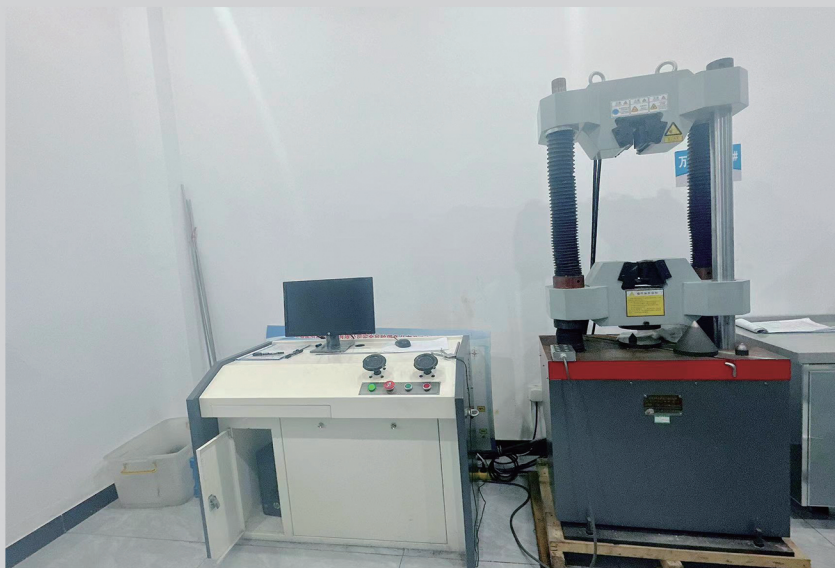
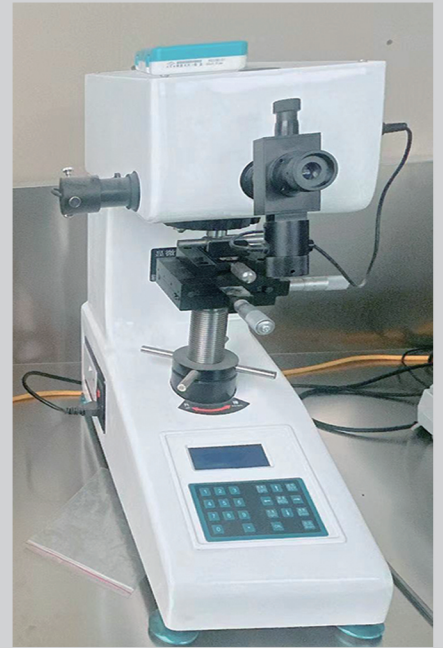
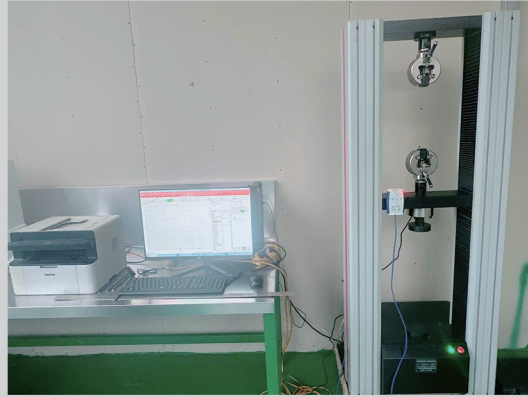


生产设备

PRODUCTION EQUIPMENT

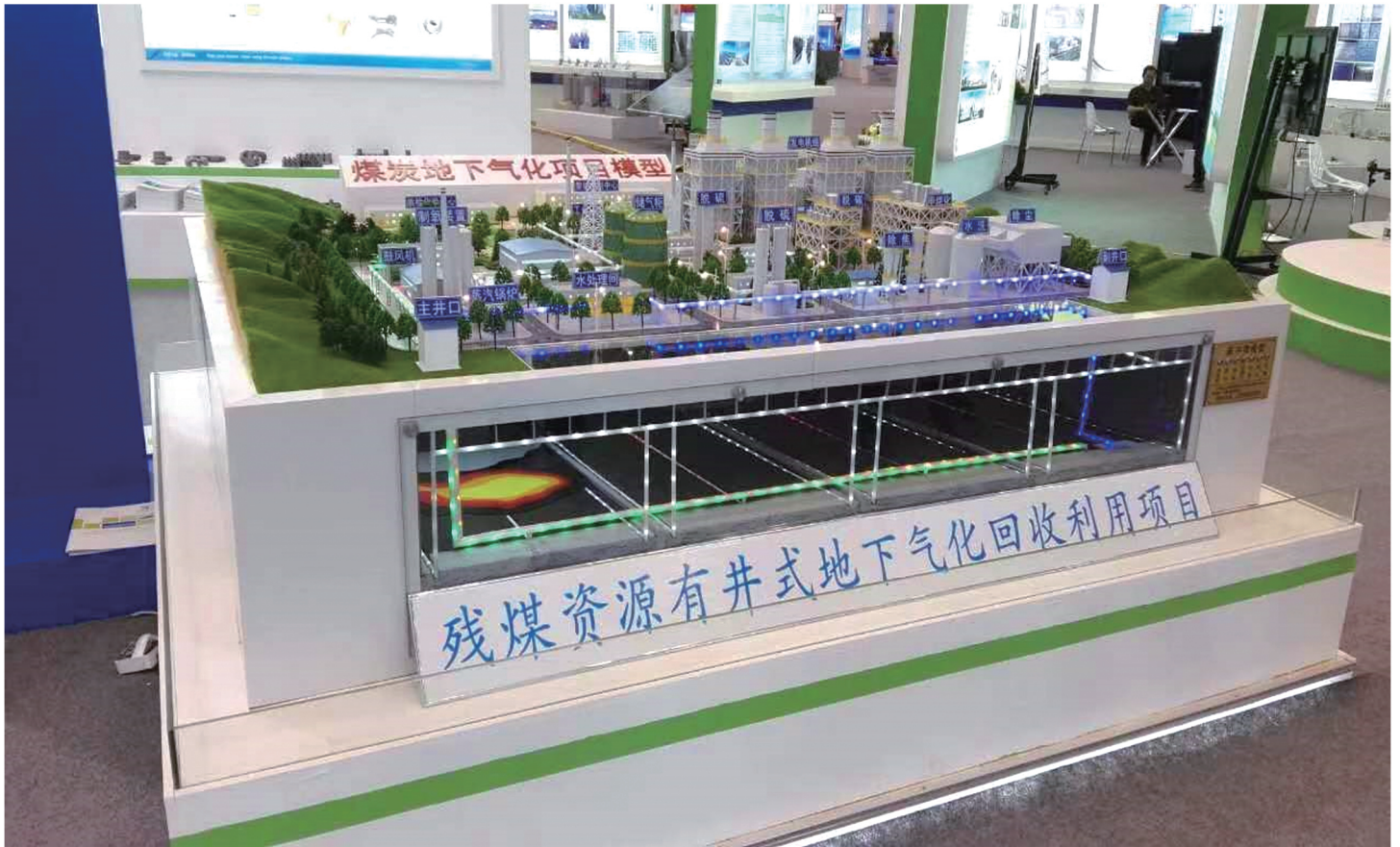


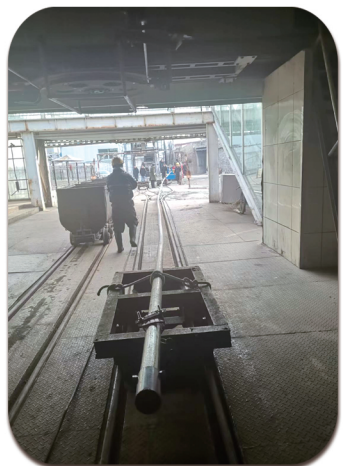
质检设备 QUALITY INSPECTION



煤炭地下气化、各油田施工现场

COAL UNDERGROUND GASIFICATION FIELD CONSTRUCTION SITE





态度决定一切

细节决定成败

江苏莱华石油装备有限公司

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