鹏煜钢管

PENGYU STEEL PIPE



TEN ARTICLE

Outlook future

展望未来

Liaocheng Pengyu Steel Pipe Co., Ltd. is a high quality pipe material as the leading products, set design, development, manufacturing and sales services as one, serving the high-end manufacturing industry at home and abroad, precision steel pipe, cold-drawn steel pipe enterprises, is a large domestic production scale, specifications and varieties of super complete, the development of varieties of super competitive special-shaped pipe research and development base.

Shandong Liaocheng Pengyu Steel Pipe Co. LTD

山东聊城鹏煜钢管有限公司

Company Profile



Liaocheng Pengyu Steel Pipe Co.,LTD.,founded in March 2017,isa high-quality pipe material as the leading products, set design, development, manufacturing and sales services as one, serving domesticand foreign high-end manufacturing industry of precision steel pipecold-drawn steelpipe, cold-drawn shaped steel pipe enter- prises.Itis a special-shaped pipeline R&D and production base with large prod.uction sca e. complete specifications and varieties. and competitiv evarieties.

The company specializes in the production and sales of cold-drawnprecision pipe with outer diameter of 4-400mm, wall thickness of 0.835mm, precision cvli nder pipe, high-precision cold-drawn steel pipearge diameter precision pipe, stainless steel cold-drawn pipe, speciasteel pipe cold-drawn, steel pipe length can be 25 meters. Our companycan produce triangle tube, hexagonal tube, octagonal tube, rectangulaltube, P type tube, D type tube, B type tube, mushroom type tube, catear tube.Elliptic tube,diamond tube,semi-circular tube, plum tubecorrugated tube and other shapes are different.

Section steelpipe, can accept customer drawings to sample processing producti on.The company has industry-leading productionequipment:2 sets of 300 tons of hig h-precision hydraulic cold drawingmachine 2 sets of 150 tons of high-precision chain cold drawing machine, 1 set of 25 tons chain cold drawing machine,3 sets of hydraulicpoint straightening machine, 1 set of 7-roll automatic straighteningmac hine1 set of11-rollautomatic straightening machine, 8 sets ofL2020-LG80finish-ing machine.Advanced production equipmentstrict production control, rigorous producti on supervision is the basicquarantee for our customers to provide quality produc ts.

The products produced by the company are widely used in the automobile indust ry, mining,agricultural machinery, military pipe, railwaypipe, petrochemical and petroleum machinery,engineering machineryntelligent light pole column, nuclearpo werindustrv.transformer. satellite launch tower, Marine machinery, glass machine ry, plastic machinery, textile printing and dyeing machinery, textile machinerv. drillingplatform,heavy machinery, bearing, boiler manufacturing, bridgeconstruct ion and so on A surname : Annual output of various steel pipe20.000 tons,and exp orted to Europe,the United States,SoutheastAsia and otherinternationalmarkets.

Tolerances of ordinary shaped steel pipes and product standard dimensions and angles

	PYLBG01 (Special)		JISG3466 (Japan)	
Side	＜100	±0.5（±0.25）	＜100	±1.5
	≥100	±0.8%（±0.5%）	≥100	±1.5%
Flatness	＜100	Below ± 0.5 (±0.3)	＜100	±0.5 or less
	≥100	Below ± 0.5 (±0.3)	≥100	side length is ±0.5%
Angle between adjacent planes	±1.0°（±0.5°）		±1.5°	
Curvature	Total length 0.15% 1mm within 1m		Full length less than 0.3%	
Corner	Rs≤2~3t		Rs≤3t	
Torsion	Total length 0.15% 1mm within 1m		There can be no significant torsion	
Wall thickness	Within the corresponding standard tolerances of the materials used			

	GB/T6728-2012(China)				GB/T3094-2012(China)		
Side	＜50	±0.5	250	±2.0	＜30	±0.3 (normal)	±0.3 (advanced)
	100	±0.8	300	±2.4	30-50	±0.4 (normal)	±0.4 (advanced)
	150	±1.2	350	±2.8	50-75	±0.8% (normal)	±0.8% (advanced)
	200	±1.6	400	±3.2	＞75	±1% (normal)	±1% (advanced)
Flatness	＜60	±0.4			50-75	±0.8% (normal)	±0.5% (advanced)
	＞60	0.60%			＞75	±0.9% (normal)	±0.6% (advanced)
Curvature	No more than 2 per meter and no more than 0.2% of the total length				Per meter≤4.0mm, Full length≤0.4%		
Corner	Carbon steel Rs=3.5t below				t＜6	Rs≤2t	
	Low alloy steel Rs=4t below				6≤t≤10	Rs≤2.5t	
					t＞10	Rs≤3t	
Torsion	There can be no significant torsion				75 below	≤2.5mm/m	
					75 more	≤3.0mm/m	
Wall thickness	Within the corresponding standard tolerances of the materials used						

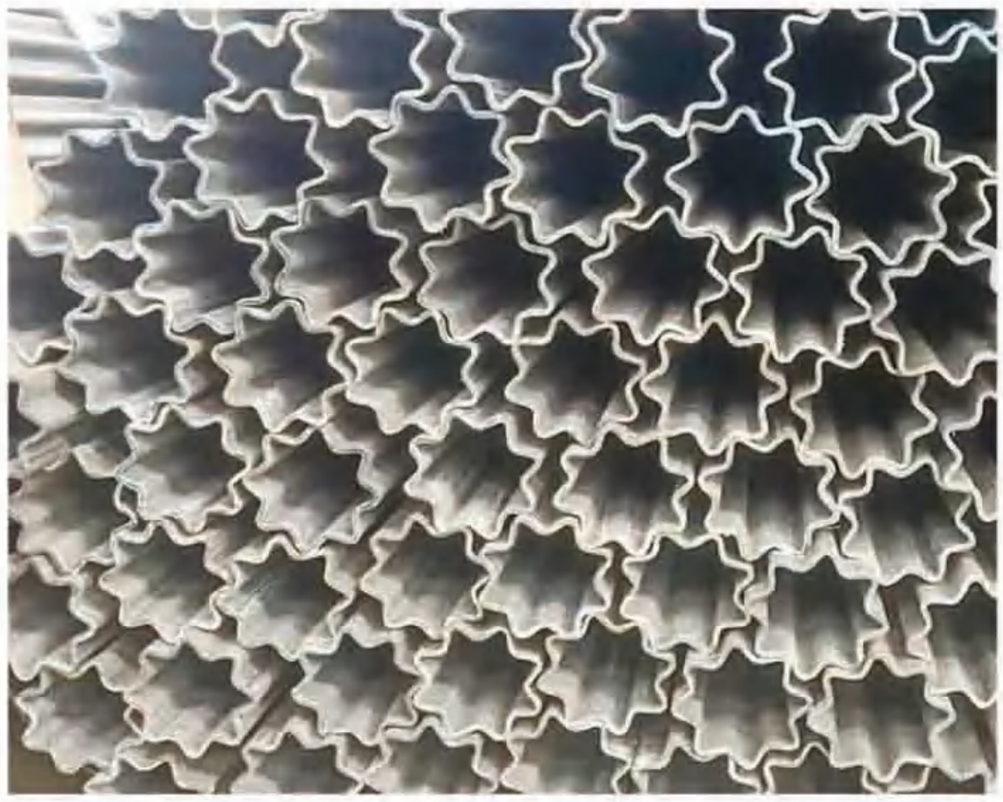
Note:

1. PYLBG01 -- the enterprise standard
2. JISG3466-- Japanese standard of square rectangular steel pipe for general construction
3. GB/T6728-2012 -- Cold-formed hollow steel for structural use
4. GB/T3094-2012 -- cold-drawn special-shaped steel pipe
5. Other special precision requirements shall be subject to the agreement signed by both parties

Ordinary cold-drawn special-shaped steel pipe







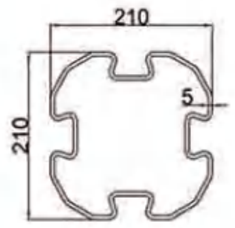




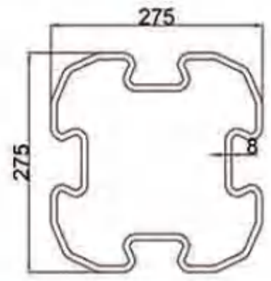


Part product drawing

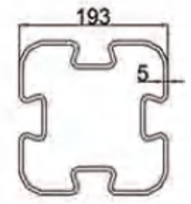
No : py2201



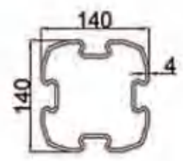
No : py2202



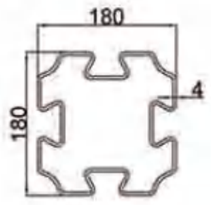
No : py2203



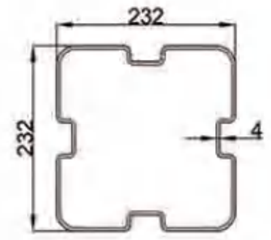
No : py2204



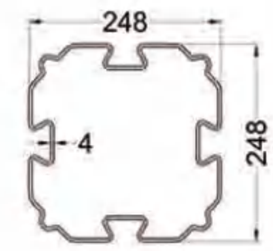
No : py2205



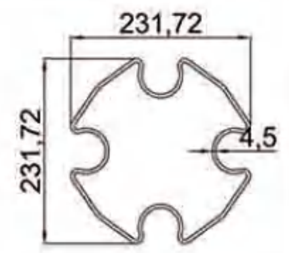
No : py2206



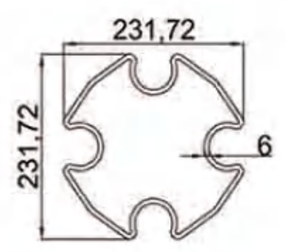
No : py2207



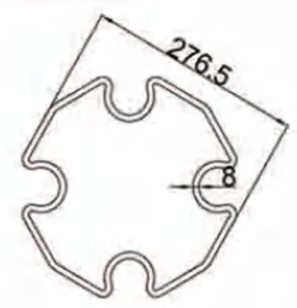
No : py2208



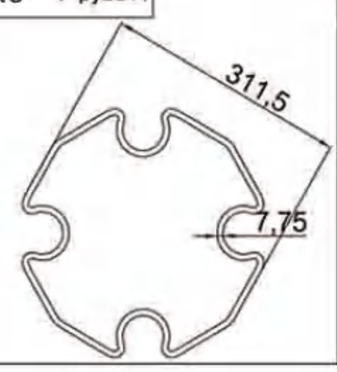
No : py2209



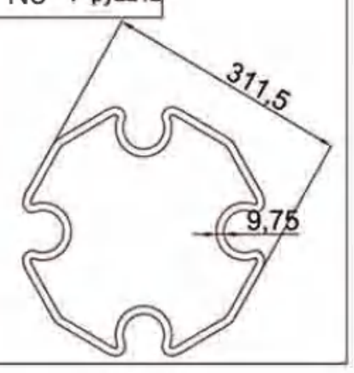
No : py2210



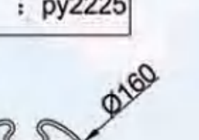
No : py2211



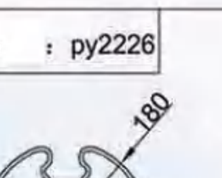
No : py2212



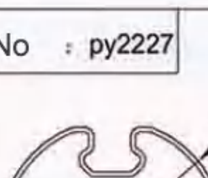
No : py2213



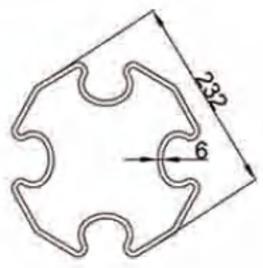
No : py2214



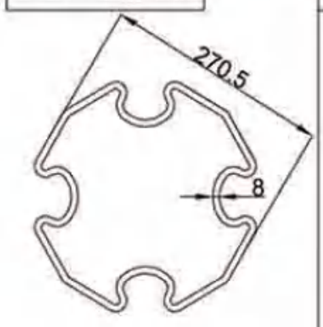
No : py2215



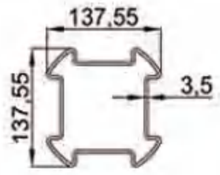
No : py2216



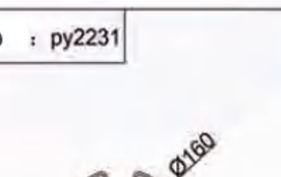
No : py2217



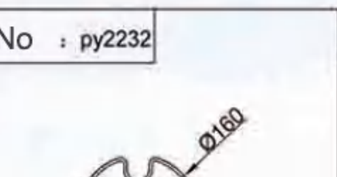
No : py2218



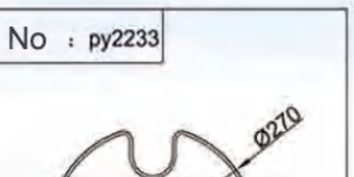
No : py2219



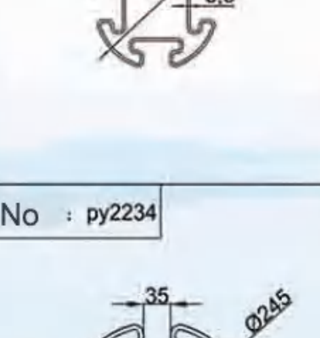
No : py2220



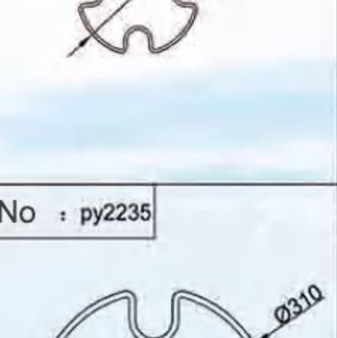
No : py2221



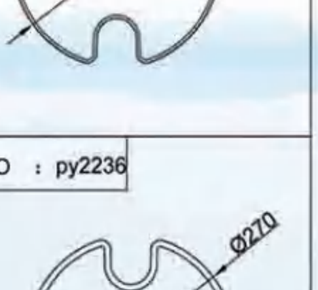
No : py2222



No : py2223



No : py2224



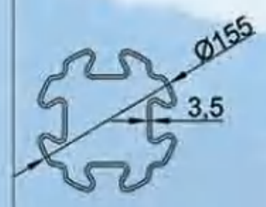
No : py2225

No : py2226

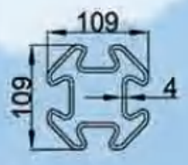


No : py2227

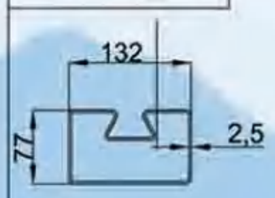
No : py2228



No : py2229



No : py2230



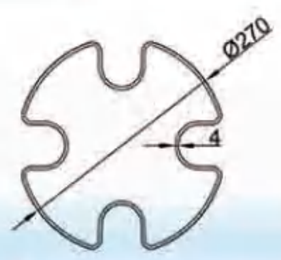
No : py2231



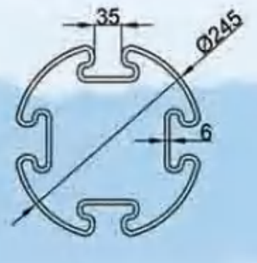
No : py2232



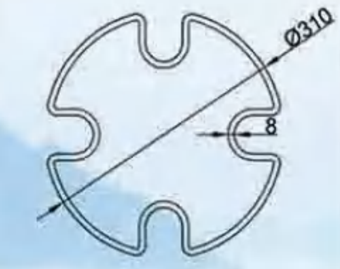
No : py2233



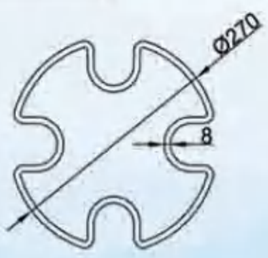
No : py2234



No : py2235



No : py2236



High strength steel light pole









Ordinary cold-drawn special-shaped steel pipe













Heat treatment













Implementation standard of cold-drawn special-shaped steel pipe: GB/T3094-2012

Dimension		Allowable deviation	
		Ordinary grade	Advanced
Side length	≤30	±0. 30	±0. 2
	>30-50	±0. 40	±0. 3
	>50-75	±0. 8%	±0. 7%
	>75	±1%	±0. 8%
Wall thickness	≤1. 0	±0. 18	±0. 12
	>1. 0-3. 0	±15%s	±12. 5%
	≥3. 0	±12. 5%	±10%

Radius of outer fillet of cold-drawn special-shaped steel pipe

Wall thickness/S	S≤6	6<S≤10	S>10
Outer fillet radius /R	≤2. 0S	≤2. 5S	≤3. 0S

Bending degree of cold-drawn special-shaped steel pipe

Precision class	Curvature(mm/m)	Full length (L) curvature
Ordinary grade	≤3. 0	≤0. 3%L
Advanced	≤2. 0	≤0. 2%L

Edge convexity of cold-drawn special-shaped steel pipe

Side dimension	Edge convexity (not greater than)	
	Ordinary grade	Advanced
≤30	0. 2	0. 1
>30-50	0. 3	0. 15
>50-75	0. 80%	0. 50%
>75	0. 90%	0. 60%

The distortion value of cold-drawn special-shaped steel pipe

Steel pipe side length/mm	Allowable torsion value (mm/m)
≤30	≤1. 5
>30-75	≤2. 0
>75	≤2. 5

Note:

1. Implementation standard of cold-drawn special-shaped steel pipe: GB/T3094-2012
2. Other special precision requirements shall be subject to the agreement signed by both parties

Cold-drawn special-shaped steel pipe













Cold rolled/finished rolled precision seamless steel pipe

Precision seamless steel pipe is a kind of high-precision seamless steel pipe rolled by finishing rolling equipment. Its full name is cold-rolled or cold-drawn precision seamless steel pipe. Precision seamless steel pipe executive standard: GB/T3639-2008 precision seamless steel pipe common equipment :LG-H two-high finishing mill,LG three-high finishing mill,LG five-high finishing mill precision seamless steel pipe use: Cold-rolled precision steel pipe is widely used in automobile, motorcycle, electric vehicle, petrochemical, electric power, Marine, aerospace, bearing, pneumatic components, medium and low pressure boiler and other fields.

Precision seamless steel pipe delivery status		
Delivery status	Code name	Description
Cold worked/hard	+C	The steel tube is not heat treated after the final cold processing
Cold work/soft	+LC	After the final heat treatment, the steel pipe is properly cold worked
Stress relief annealing after cold working	+SR	After the final cold work, the steel tube is stress-relieved annealed in a controlled atmosphere
Annealing	+A	After the final cold work, the steel tubes are fully annealed in a controlled atmosphere
Normalizing	+N	After the final cold processing, the steel pipe is de-normalized in a controlled atmosphere

Mechanical properties of precision seamless steel tubes										
Brand	Delivery status									
	+C		+LC		+SR		+A		+N	
	Rm/Mpa	A/%	Rm/Mpa	A/%	Rm/Mpa	A/%	Rm/Mpa	A/%	Rm/Mpa	A/%
	Not less than									
10	430	8	380	10	400	16	335	24	320-450	27
20	550	5	520	8	520	12	390	21	440-570	21
35	590	5	550	7	—	—	510	17	≥460	21
45	645	4	630	6	—	—	590	14	≥540	18
Q355	640	4	580	7	580	10	450	22	490-630	12

Note: 1. Precision seamless steel pipe implementation standard: GB/T3639-2008
2. Conventional products have an outer diameter of ±0.05mm and a wall thickness tolerance of ± 0.1mm. Special industries require precision tubes to reach P-M level, such as aerospace engine parts, medical instruments and so on.
3. Other special precision requirements shall be subject to the agreement signed by both parties

Cold rolled/finished rolled precision seamless steel pipe













Common specifications for cold drawn precision cylinder pipe

Product name	Product specification	Wall thickness (mm)	Product name	Product specification	Wall thickness (mm)
Cylinder pipe	30*20	5	Cylinder pipe	140*120	10
Cylinder pipe	32*25	3. 5	Cylinder pipe	150*125	12. 5
Cylinder pipe	35*25	5	Cylinder pipe	159*140	9. 5
Cylinder pipe	40*43	5	Cylinder pipe	165*140	12. 5
Cylinder pipe	50*40	5	Cylinder pipe	168*140	14
Cylinder pipe	60*50	5	Cylinder pipe	180*150	15
Cylinder pipe	65*50	7. 5	Cylinder pipe	194*160	17
Cylinder pipe	70*60	5	Cylinder pipe	203*180	11. 5
Cylinder pipe	76*63	6. 5	Cylinder pipe	219*180	19. 5
Cylinder pipe	80*70	5	Cylinder pipe	245*200	22. 5
Cylinder pipe	90*80	5	Cylinder pipe	273*220	26. 5
Cylinder pipe	90*75	7. 5	Cylinder pipe	273*240	16. 5
Cylinder pipe	95*80	7. 5	Cylinder pipe	299*250	24. 5
Cylinder pipe	102*90	6	Cylinder pipe	325*280	22. 5
Cylinder pipe	105*90	7. 5	Cylinder pipe	351*300	25. 5
Cylinder pipe	108*90	9	Cylinder pipe	377*320	28. 5
Cylinder pipe	110*100	5	Cylinder pipe	402*350	26
Cylinder pipe	114*100	7	Cylinder pipe	426*380	23
Cylinder pipe	121*100	10. 5	Cylinder pipe	457*400	28. 5
Cylinder pipe	127*100	13. 5	Cylinder pipe	480*400	40
Cylinder pipe	130*110	10	Cylinder pipe	508*450	29

Note:

1. Common material of cold-drawn precision cylinder pipe: 20# 45# Q355 27SiMn 25Mn
2. Other special precision requirements shall be subject to the agreement signed by both parties

Seamless steel pipe for cold drawing cylinder













Inspection equipment



Microcomputer controlled electro-hydraulic private universal testing machine

Mainly used for testing steel pipe tensile strength, yield strength, elongation, etc.



Eddy current on-line flaw detector

Mainly used for surface and near surface defect detection of steel pipe.



Ultrasonic detector

Mainly used for the internal defect detection of steel pipe products



Microcomputer direct reading spectrometer

Mainly used for product chemical composition analysis.

Plant and equipment













Enterprise qualification document


信用中国

企业信用等级证书

Enterprise Credit Rating Certificate

聊城鹏煜钢管有限公司

山东省聊城经济开发区广平乡南环工业园

AAA

证书说明：

1、企业信用等级自评定之日起有效期为3年。

2、有效期内企业改变名称的，必须持证到发证单位办理变更手续。

3、本证书在注册有效期内，应每年接受监督审核，本证书年度审核合格后均可在相应网站查询更换证书

4、本证书只证明企业在有效期内的信用状况，不作他用。

5、本证书不得涂改、转借。

年审记录

互认标


信用中国

诚信供应商单位

Supplier Integrity Unit

聊城鹏煜钢管有限公司

山东省聊城经济开发区广平乡南环工业园

AAA级诚信供应商

证书说明：

1、企业信用等级自评定之日起有效期为3年。

2、有效期内企业改变名称的，必须持证到发证单位办理变更手续。

3、本证书在注册有效期内，应每年接受监督审核，本证书年度审核合格后均可在相应网站查询更换证书

4、本证书只证明企业在有效期内的信用状况，不作他用。

5、本证书不得涂改、转借。

年审记录

互认标


信用中国

诚信经营示范单位

Demonstration Unit of Good Faith Management

聊城鹏煜钢管有限公司

山东省聊城经济开发区广平乡南环工业园

AAA级诚信经营示范单位

证书说明：

1、企业信用等级自评定之日起有效期为3年。

2、有效期内企业改变名称的，必须持证到发证单位办理变更手续。

3、本证书在注册有效期内，应每年接受监督审核，本证书年度审核合格后均可在相应网站查询更换证书

4、本证书只证明企业在有效期内的信用状况，不作他用。

5、本证书不得涂改、转借。

年审记录

互认标


信用中国

重合同守信用单位

Contract abiding and trustworthy unit

聊城鹏煜钢管有限公司

山东省聊城经济开发区广平乡南环工业园

AAA级重合同守信用单位

证书说明：

1、企业信用等级自评定之日起有效期为3年。

2、有效期内企业改变名称的，必须持证到发证单位办理变更手续。

3、本证书在注册有效期内，应每年接受监督审核，本证书年度审核合格后均可在相应网站查询更换证书

4、本证书只证明企业在有效期内的信用状况，不作他用。

5、本证书不得涂改、转借。

年审记录

互认标


信用中国

质量服务诚信单位

Quality Service Integrity Unit

聊城鹏煜钢管有限公司

山东省聊城经济开发区广平乡南环工业园

AAA级质量服务诚信单位

证书说明：

1、企业信用等级自评定之日起有效期为3年。

2、有效期内企业改变名称的，必须持证到发证单位办理变更手续。

3、本证书在注册有效期内，应每年接受监督审核，本证书年度审核合格后均可在相应网站查询更换证书

4、本证书只证明企业在有效期内的信用状况，不作他用。

5、本证书不得涂改、转借。

年审记录

互认标


信用中国

企业资信等级证书

Certificate of Enterprise Credit Rating

聊城鹏煜钢管有限公司

山东省聊城经济开发区广平乡南环工业园

资信等级AAA级单位

证书说明：

1、企业信用等级自评定之日起有效期为3年。

2、有效期内企业改变名称的，必须持证到发证单位办理变更手续。

3、本证书在注册有效期内，应每年接受监督审核，本证书年度审核合格后均可在相应网站查询更换证书

4、本证书只证明企业在有效期内的信用状况，不作他用。

5、本证书不得涂改、转借。

年审记录

互认标

Enterprise qualification document



统一社会信用代码

91371500MA3D9UHX3J

营业执照

扫描二维码登录"国家企业信用信息公示系统"了解更多登记、备案、许可、监管信息

名　　称　聊城鹏煜钢管有限公司

类　　型　有限责任公司(自然人独资)

法定代表人　孙学剑

经营范围　钢管、圆钢制造销售；钢材、管材、板材、建材、型材、不锈钢材料、五金管件、有色金属材料、机械配件销售。（依法须经批准的项目，经相关部门批准后方可开展经营活动）

注册资本　伍佰壹拾捌万元整

成立日期　2017 年 03 月 07 日

营业期限　2017 年 03月 07 日至　　年　　月　　日

住　　所　山东省聊城经济开发区广平乡南周工业园

登记机关

2020 年 04 月 30 日

国家企业信用信息公示系统网址：http://www.gsxt.gov.cn

国家市场监督管理总局监制



CIC

质量管理体系认证证书

证书号：282Q18070723226

授予

聊城鹏煜钢管有限公司

北京国认检验认证有限公司(CIC)证明

GB/T19001-2016/ISO9001:2015

认证/注册范围

自2018年07月23日至2021年07月22日

CNCA-R-2014-282

北京国认检验认证有限公司



CIC

Certificate of Registration

Certificate No.:282Q18070723226

Awarded to

Liaocheng Pengyu Steel Tube Co.,Ltd.

Organization Code No./Unified Social Code:91371500MA3D9UHX3J

Registered address:Nanzhou Industrial Park,Guangping Township,Economic Development Zone, Liaocheng City,Shandong Province

Audit address:Nanzhou Industrial Park,Guangping Township,Economic Development Zone, Liaocheng City,Shandong Province

Beijing CIC Inspection & Certification CO.,LTD (CIC) certify that the Quality Management System of the above organization has been assessed and found to be in accordance with the requirements of the standard

GB/T19001-2016/ISO9001:2015

SCOPE OF CERTIFICATION/REGISTRATION

Manufacturing and sales of steel pipes,round steel (except for the required qualification).

This certificate is made valid when used with certification scopes and the requirements of applicable laws and regulations.These requirements include,but are not limited to,administrative permits, scopes of qualifications and CCC requirements

Subject to operation conditions an requirement's conformity with Quality Management System.

This Certificate is valid for a period of three years only.

Date from:Jul.23rd,2018 To:Jul.22nd,2021

The effectiveness of this Certificate shall be Validated by periodic surveillance audit of CIC for maintenance.

The time limit of the certificate is to Jul.22nd,2019,please conducting the surveillance or re-certification assessment before Jul.22nd,2019. If the assessment is overdue,the certificate is invalid

Signed for and on behalf of :

CNCA-R-2018-282



EUROPE CERTIFICATION UNION

CERTIFICATE OF CONFORMITY

EUROPE CERTIFICATION UNION CO.,LTD

according to the requirements established in the standards listed below

Certificate No: ECU-LCPS-YHGT-063

Holder: LIAOCHENG PENGYU STEEL PIPE CO., LTD. Guang Ping Xiang Nan Zhou industrial Park, Liaocheng Economic Development Zone, Shandong Province

Manufacturer: LIAOCHENG PENGYU STEEL PIPE CO., LTD. Guang Ping Xiang Nan Zhou Industrial Park, Liaocheng Economic Development Zone, Shandong Province

Product: Steel pipe

Model(S): GB/T8162-2008,GB/T3639-2009,GB/T3094-2012

Directives: Pressure Equipment Directive 2014/68/EU

Standards: EN 10305-1:2016 EN 10297-1:2003

CE

Conclusion:

This assessment is based on an evaluation of the technical file of the above mentioned product and it is certify that the technical file has been made in compliance with the items established in the above mentioned Directives. Certificate query: www.eurocun.org.uk

Certificate Issue Date:

Sep.07,2018

GENERAL MANAGER:





SHANDONG LIAOCHENG PENGYU STEEL PIPE CO., LTD
山东·聊城鹏煜钢管有限公司

Company address: Nanzhou Industrial Park, Guangping Township, Dongchang fu District, Liaocheng City, Shandong Province

Phone: 0635-8887444 13563048779 (General manager)

Phone: 0635-8885722 188668523317 (Sales division I)

Phone: 0635-8886155 15966281221 (Sales division II)

Zip Code: 252000