PETROL STEEL
CO., LTD | PESCO



PRODUCTION CAPABILITY & PROJECT REFERENCES

Large-Diameter Hot Expanded Seamless Steel Pipe

Supply partner brochure for EPC contractors, procurement teams and project owners

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ABOUT US

Your Pipeline Materials Supply Partner

PETROL STEEL CO., LTD (PESCO) is a global supplier specializing in pipeline procurement, industrial piping material solutions and pipeline construction supply for the Oil & Gas, Petrochemical, Energy, Marine, Power Generation, Mining and Infrastructure markets.

For large-diameter hot expanded seamless pipe, PETROL STEEL manages the project side: specification review, material sourcing, inspection coordination, documentation and export logistics, so that EPC teams deal with one point of contact from enquiry to delivery.

1,220 mm
Maximum OD, hot expanded seamless pipe

9
Intermediate-frequency hot expansion units

5
Cold drawing machines, up to 1,600 t

3,000+
Customers in 32 countries and regions*

*Supply record: custom hot expanded seamless pipe supplied in volumes above 1,000,000 tonnes.

What we supply

Product line	Scope
Steel pipes	Hot expanded seamless, alloy and carbon steel pipe, offshore tubulars
CRA clad & weld overlay piping	Clad pipe, weld overlay pipe, clad bends, fittings and flanges
Pipe fittings & bends	Induction bends, elbows, tees, reducers, heads
Flanges & large forged components	Alloy, carbon and stainless forged flanges, hub clamp connectors
Prefabricated piping & spools	Carbon, alloy, CRA clad, duplex and nickel alloy spools





PRODUCT SCOPE

Hot Expanded Seamless Pipe: Size Range & Standards

Large-diameter seamless pipe is produced from hot-rolled or forged mother pipe by intermediate-frequency hot expansion, cold drawing or machining, followed by heat treatment, finishing and inspection. The route delivers large diameter-to-wall ratios, high grades, tight tolerances and extra-long lengths.

Item	Range
Outside diameter (hot expanded)	609.6 mm to 1,220 mm (24" to 48") standard; up to 1,320 mm on enquiry
Wall thickness	10 mm to 120 mm standard; other thicknesses on enquiry
Length	Up to 12 m; extra-long lengths on enquiry
Delivery condition	Normalized, quenched & tempered or annealed, per specification
Testing	Ultrasonic, eddy current, hydrostatic, mechanical, chemical, intergranular corrosion on request
Documents	EN 10204 3.1 / 3.2 material test certificates; third-party inspection arranged on request
Packing	Bundles or seaworthy packing as required

Product standards and grades (per project specification)

Standard	Grades
API 5L / ISO 3183	PSL1 and PSL2, Grade B to X70 (higher grades on enquiry); sour service options
ASTM A106 / A53	Gr. A, Gr. B, Gr. C carbon steel seamless pipe for high-temperature service
ASTM A335	P5, P9, P11, P12, P22, P36, P91, P92 alloy steel pipe
ASTM A333	Gr. 3, Gr. 6 low-temperature service pipe
EN 10216-2	P235GH, P265GH, 16Mo3, 14MoV6-3, 10CrMo5-5, 13CrMo4-5, 10CrMo9-10, 11CrMo9-10, X11CrMo9-1, X10CrMoVNb9-1
EN 10210-1	S275J0H, S275J2H, S355J0H, S355J2H, S355K2H structural hollow sections
GB/T 5310 / GB/T 3087	20G, 20MnG, 25MnG, 15MoG, 20MoG, 12CrMoG, 15CrMoG, 12Cr2MoG, 12Cr1MoVG, 10Cr9Mo1VNbN; grades 10 and 20

Grades and sizes are quoted against the purchase specification. Send OD, wall thickness, grade and quantity for an ex-factory quotation within 24 hours.

Manufacturing route

Mother pipe (hot rolled / forged)	Hot expansion or cold drawing	Heat treatment (N / Q&T / A)	Straightening & finishing	NDT, mechanical & hydro tests	Marking & export packing

PRODUCTION EQUIPMENT

Hot Expansion & Heat Treatment







Equipment	Model / quantity	Capability
Intermediate-frequency hot expansion units	EZG-IIB1200 x1 (2019)	High-power, high-tonnage unit for large-diameter thick-wall pipe expansion
	EZG-IIB914 x3 (2008, 2012, 2019)	Automated control of temperature, speed and diameter change ratio
	EZG-IIB820 x2 (2012, 2019)	Automated control of temperature, speed and diameter change ratio
	EQG-IA630x20 x2 (2006, 2008); IF unit x1 (2008)	Automated control of temperature, speed and diameter change ratio
Precision hydraulic cold drawing	1,600 t JLB1600T-14500 (2014); 1,000 t JLB1000T-14500 (2019)	High-force drawing of large pipes
	400 t YLB-A-400-11.6/3.5 unit (2018)	Small pipe drawing
Chain draw benches	30 t standard and 30 t precision triple-line (2018)	Small pipe drawing
Pointing (head rolling) machine	x1 (2016)	Pipe end preparation for drawing
Gas-fired box furnaces	12.5 x 1.8 x 1.6 m (2006); 12.5 x 4.5 x 1.2 m (2007)	Normalizing, tempering, annealing
Gas-fired roller-hearth furnace	39.6 x 1.7 x 0.61 m (2006)	Fitted with quenching machine; normalizing, tempering, annealing and quenching
Car-bottom furnace	14 x 4.2 x 2.4 m	Normalizing, tempering, annealing





PRODUCTION EQUIPMENT

Straightening, Machining & Surface Finishing







Equipment	Model / quantity	Capability
Six-roll straighteners	LJ410 (2007); LJ720 (2009)	Automatic six-roll straightening
Hydraulic presses	1,000 t YT2D32-1000A four-column; 500 t and 150 t single-column	Manual point straightening
Deep-hole machining	Lathes C620-1, PT6100-11 (11 m), PT10008 (8 m), CW61125L, CK-6150; deep-hole boring T2150/8 m; boring PT40121; radial drill ZY-3725	Bore and deep-hole processing (8 machines)
Graphite mixers	x2, in-house built	Lubricant coating of mother pipe bore before expansion
Internal grinders	3 x OD 219 to 1,000; 4 x SYM1100-323	Internal surface grinding (abrasive wheel)
External grinders	2 x WM1100-323; 2 x QGWM325-1200; 1 x WMX1000	External surface grinding (abrasive wheel)
Shot blasting machines	External: 2 x QGW508, 4 x QGW914; internal: 3 x QGNP914	Internal and external steel shot blasting
Phosphating line	x1 (2012)	Pipe phosphating treatment
Band saws	10 machines incl. G42120 (OD 200 to 1,200), GB4250, GB4285, GW4270	Pipe end squaring and cutting
Bevelling machines	Q1260-I (OD 108 to 630); SDJ400-II (OD 60 to 400)	Weld bevel preparation
Automatic marking machines	x3 (2017)	Pipe marking
Environmental equipment	Four dust removal systems (inertial + bag filter); waste water and waste gas treatment; absorption tower (2019)	Emission control





INSPECTION & TESTING

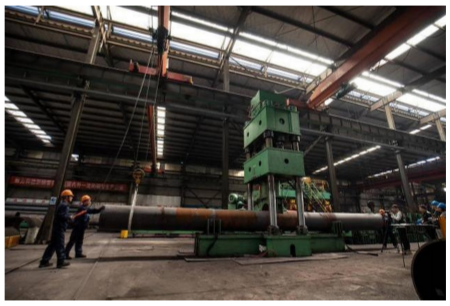
Laboratory and NDT Equipment

Every production lot is tested in a dedicated physical and chemical testing centre and automated NDT lines, with test specimens retained in an archive room for traceability.

Test area	Equipment
Hydrostatic testing	GSY-1000 pipe hydrostatic press (2018)
Automatic UT / eddy current flaw detection and wall thickness	PVUT-VII (pipe up to OD 1,000); PVUT-VI (OD 914); SST-820 (OD 813); ETUT-90R eddy current and ultrasonic unit
Manual NDT	CFF-1 magnetic particle tester; PXUT-350+ digital ultrasonic flaw detector; CXX-3B rotating magnetic field tester; NK180 borescope
Tensile testing	WAW-600 electro-hydraulic servo universal testing machine; split-type high-temperature tensile test furnace
Impact testing	JB-300B impact tester; DWC-190Y, DWC-80 and CDW-60 low-temperature baths; CST-50 notch projector
Hardness testing	HB-3000BT digital Brinell; HR-150A Rockwell; TH160 portable Leeb tester
Chemical analysis and PMI	ARC-MET8000 direct-reading spectrometer; HF-2000B infrared carbon-sulphur analyser; two XL2-100G portable alloy analysers
Metallography	Axio AX10 metallographic microscope; HNB1200-50 high-temperature laboratory furnace for heat treatment trials
Specimen preparation	Planer, lathe, milling, surface grinder and wire-cut EDM machines for test sample machining







PROJECT REFERENCES

Where PETROL STEEL Has Supplied

The reference projects below were supplied by PETROL STEEL in hot expanded and cold drawn seamless steel pipe. Tonnage and year are taken from the partner's supply record.

23	23	44	23
Petrochemical	Power & Nuclear	District Heating	Alumina

Projects of 1,000 tonnes and above include the 40 Mt/y Zhejiang Petroleum & Chemical integrated project (175,000 t), Shandong Yulong integrated project (99,000 t) and Shenghong Lianyungang integrated project (21,000 t).





Petrochemical & Refining Projects 23 projects

No.	Project	End user / customer	Tonnes	Year
1	600 kt/y Ethylene and 5 Mt/y Refining Project	Liaoning Huajin Tongda Chemical Co., Ltd.	2,300	2008
2	1 Mt/y Ethylene Project	Sinopec Zhenhai Refining & Chemical Branch	1,005	2008
3	800 kt/y PX and 1.5 Mt/y PTA Project	Tenglong Aromatics (Zhangzhou) Co., Ltd.	16,000	2011
4	Karamay Petrochemical Refining & Chemical Project	PetroChina Karamay Petrochemical Branch	2,600	2011
5	Jetty pipe-rack process piping (Phase 2), long-distance and internal pipe-rack lines, jetty to tank farm pipelines	Zhangzhou Gulei Haiteng Jetty Investment & Management Co., Ltd.	8,000	2012
6	2 Mt/y Aromatics Project	Ningbo Zhongjin Petrochemical Co., Ltd.	15,800	2013
7	22 Mt/y Refinery Project	CNOOC Refining & Chemical Co., Ltd., Huizhou Refinery Branch	10,000	2015-2020
8	Oil Products Upgrading Project	Shandong Huaxing Petrochemical Group Co., Ltd.	6,000	2017
9	Belt and Road key project: PMB Chemical Project	Hengyi Petrochemical (Brunei) Industrial Co., Ltd.	8,000	2017
10	40 Mt/y Integrated Refining & Petrochemical Project	Zhejiang Petroleum & Chemical Co., Ltd.	175,000	2017-2024
11	SMPO & POD process carbon and alloy steel seamless pipe frame agreement	CNOOC Shell Petrochemicals Co., Ltd.	4,960	2019
12	600 kt/y Aromatics Project	Luoyang Hongxing Energy & Chemical Co., Ltd.	4,250	2019
13	1 Mt/y Ethylene and Refinery Expansion Project	Sinochem Quanzhou	3,000	2019
14	600 kt/y Ethylene and 700 kt/y Light Hydrocarbon Utilization Project	Ningbo Huatai Shengfu Polymer Materials Co., Ltd.	7,000	2019-2020
15	2 x 260 kt/y Non-phosgene Polycarbonate Project (Phase 1), process carbon steel pipe	Hainan Huasheng New Materials Technology Co., Ltd.	4,576	2020
16	900 kt/y Propane Dehydrogenation Project	Jineng Chemical (Qingdao) Co., Ltd.	4,500	2020
17	SMPO & POD Project	CNOOC Shell Petrochemicals Co., Ltd.	5,420	2020
18	16 Mt/y Integrated Refining & Petrochemical Project	Shenghong Refining & Chemical (Lianyungang) Co., Ltd.	21,000	2021-2022
19	Clean production, green manufacturing and industrial upgrading project	Henan Xinlianxin Chemical Industry Group Co., Ltd.	5,300	2021-2022
20	40 Mt Integrated Refining & Petrochemical Project (Phase 1)	Shandong Yulong Petrochemical Co., Ltd.	99,000	2021-2025
21	North Huajin fine chemicals and feedstock project, coal-to-hydrogen unit	China Tianchen Engineering Corporation	4,244	2024
22	1.2 Mt/y Caprolactam-Polyamide Integrated Project	Guangxi Hengyi New Materials Co., Ltd.	5,000	2024
23	Fine chemicals and feedstock project, underground pipe seamless pipe frame agreement	North Huajin United Petrochemical Co., Ltd.	6,100	2024

Power & Nuclear Projects 23 projects

No.	Project	End user / customer	Tonnes	Year
1	Yuhuan 100 MW Unit Project	Shanghai Turbine Plant	92	2006
2	Unit 6, 660 MW supercritical coal-fired: main steam and hot reheat piping	Datang Shandong Huangdao Power Plant	474	2006
3	600 MW unit main steam pipe (export)	Hebei Bohai Heavy Industry	1,000	2008
4	India power plant, units 1-6 (6 x 600 MW)	Anhui Electric Power Construction No.1 Engineering Co.	1,500	2012
5	Venezuela power plant Phase 1 (1 x 570 MW)	CEEC Tianjin Electric Power Construction Co.	150	2013
6	Waste heat power unit main steam pipeline, Shaanxi Yulin energy & chemical project	China Huadian Engineering (Group) Co., Ltd.	1,000	2013
7	Yangjiang Nuclear Power Plant units 5 and 6: nuclear island, conventional island and BOP bulk materials	Chongqing Yahe Insulation Materials Co., Ltd.	1,300	2014
8	Brazil FIBRIA-Horizonte II project	Henan Huadian Jinyuan Pipeline Co., Ltd.	620	2016
9	India Lanco project	Henan Huadian Jinyuan Pipeline Co., Ltd.	608	2016
10	Xiapu demonstration fast reactor: non-nuclear carbon steel seamless pipe	Chongqing Kangtu Thermal Energy Equipment Co., Ltd.	226	2019
11	Lianyungang petrochemical park utility island steam line Phase 1, 2.8 km P91 pipe	Hunan Industrial Equipment Installation Co., Ltd.	2,867	2020
12	Industrial gas island gasification unit project	Shanghai Huayi Engineering Co., Ltd.	236	2021
13	MOX fuel assembly transport container tube	Chengdu CNNC Haichuan Nuclear Technology Co., Ltd.	111	2021
14	Zhangzhou Nuclear Power units 1 and 2: conventional island Cr-containing seamless pipe	Fujian Zhangzhou Nuclear Power Station	738	2021
15	Changjiang units 3 and 4 nuclear island installation: non-RCC-M carbon steel pipe	Hainan Changjiang Nuclear Power Station	664	2022
16	Mexico power plant project	Cunado	1,227	2022
17	Tianwan Nuclear Power units 7 and 8: conventional island Cr-containing seamless pipe	Lianyungang Tianwan Nuclear Power Station	804	2023
18	Changjiang units 3 and 4 conventional island and modular small reactor: carbon and alloy seamless pipe	China Nuclear Industry 5th Construction Co., Ltd. / Nanjing Sall	521	2023
19	Changjiang units 3 and 4 nuclear project	China Nuclear Industry 5th Construction Co., Ltd.	475	2024
20	Haiyang Nuclear unit 3: conventional island and BOP Cr-containing pipe frame agreement	Shandong Haiyang Nuclear / Wuxi Deyang	489	2024
21	Datong Hudong 2 x 1,000 MW power project, battery project: fittings pipe for four major pipelines	Tianjin Jinding Pipeline Co., Ltd.	495	2024
22	Datong Hudong 2 x 1,000 MW power project, battery project: four major pipelines	Jiangsu Electric Power Equipment Co., Ltd.	870	2024
23	Mexico: San Luis and Gonzalez Ordega thermal power stations	Tecnicas Reunidas (TR), Spain	400	2024

District Heating Network Projects 44 projects

No.	Project	End user / customer	Tonnes	Year
1	Hengyun Power Plant west-to-east long-distance heating, Phase 1	Ningbo Wanli Pipeline Co., Ltd.	1,800	2019
2	Xuancheng energy-saving centralized heating (Phase 1)	Xuancheng Heating Co., Ltd.	2,789	2019
3	Jiangyin thermal power steam supply, replacement of small CHP plants	Jiangyin Thermal Power Co., Ltd. and partners	1,400	2019
4	Huaneng Jiangyin gas-turbine CHP heating project	Huaneng Jiangyin Gas Turbine Thermal Power Co., Ltd.	760	2019
5	Taizhou low-pressure steam pipeline	Taizhou Hongtai Municipal Engineering Co., Ltd.	802	2019
6	Huaneng Yuhuan units 1-4 heating retrofit and park network (OD 630, 530 framework)	Huaneng Yuhuan Power Plant	6,127	2019
7	Guodian Jiujiang medium-pressure heating retrofit	Guodian Jiujiang Power Generation Co., Ltd.	829	2019
8	Hebi Fenghe steam supply pressure piping and fittings	Hebi Fenghe Power Generation Co., Ltd.	900	2019
9	Pucheng high-tech zone heating network	Shaanxi Huadian Pucheng Thermal Power Co., Ltd.	3,500	2019
10	Taicang Hongda centralized heating pipeline	Taicang Port Xiexin Power Generation Co., Ltd.	7,415	2019
11	Dongguan Zhongtang gas CHP Phase 2 heating network	Shanghai Kehua Thermal Pipeline Co., Ltd.	1,324	2020
12	Heating network project, power design institute	PowerChina Jiangxi Electric Power Design Institute	1,000	2020
13	Weifang heating network project	Shanghai Electric Investment Power Equipment Co., Ltd.	1,884	2020
14	Zhenjiang gas-fired CHP heating network (east and south zones)	Jiangsu Zhenjiang Gas-fired Thermal Power Co., Ltd.	6,500	2020
15	Huaneng Shantou south district heating network	Huaneng Shantou Power Plant	2,873	2020
16	Lianyungang petrochemical park utility island steam line Phase 1	Hunan Industrial Equipment Installation Co., Ltd.	2,187	2020
17	Shengze gas-turbine CHP DN800 heating network	Jiangsu Dongfang Shenghong Shengze Thermal Power	797	2021
18	Dongguan Zhongtang gas CHP Phase 2 heating network	Ningbo Wanli Pipeline Co., Ltd.	2,116	2021
19	Dongying steam and cooling project materials	Dongying Weidi Thermal Power Co., Ltd.	2,350	2021
20	Lianyungang Hongyang CHP expansion heating pipelines	Jiangsu Fangyang Energy Technology Co., Ltd.	1,290	2021
21	Huaiyin Power to Guoxin Huai'an No.2 gas heating network interconnection	Huai'an Sifang Insulation Pipe Co., Ltd.	1,550	2021
22	2 x 350 MW CHP heating network	Shandong Huawang Thermal Power Co., Ltd.	1,467	2022
23	New heating project, finished pipeline	Henan Jinpeng Thermal Power Co., Ltd.	5,325	2022
24	Huaneng Fuzhou Changle north centralized heating retrofit	Huaneng Industrial Investment (Fuzhou) Thermal Power Co., Ltd.	12,542	2022
25	Huaneng Anyuan lithium membrane heating retrofit	Huaneng Anyuan Power Generation Co., Ltd.	635	2022
26	Hukou County heating network EPC, Phase 2	Nanjing Suxia Design Group Co., Ltd.	4,100	2022
27	Jiahong new materials and green chemical steam pipeline	CNCEC 14th Construction Co., Ltd. No.2 Engineering	1,482	2022
28	Huaneng Yangpu 2 x 495 MW CCGT heating network	Huaneng Yangpu Thermal Power Co., Ltd.	2,200	2022
29	Jingzhou CHP east-line duplicate heating network	CHN Energy Changyuan Jingzhou Thermal Power Co., Ltd.	3,000	2022
30	Zhenjiang Yiju park heating network	Jiangsu Yiju Energy Management Co., Ltd.	1,800	2022
31	Shaoxing Binhai heating Phase 4 network	Zhejiang Tianhong Materials Trading Co., Ltd.	2,100	2022
32	Hongyang Thermal: Honggang Petrochemical Phase 3 and polyester steam network, west line	Jiangsu Fangyang Energy Technology Co., Ltd.	9,350	2023
33	Nanpu Power Plant to Nanshan Phase 2 heating network (Guoheng Phase 2), PC	PowerChina Fujian Engineering Co., Ltd.	970	2023
34	Nanpu Power Plant to Nanshan Phase 2 heating network (Tianchen Phase 1), PC	PowerChina Fujian Engineering Co., Ltd.	680	2023
35	Hongyang Thermal low-carbon circulating heating demonstration	Jiangsu Fangyang Energy Technology Co., Ltd.	2,368	2023
36	Hubei Yingcheng 300 MW compressed air energy storage demonstration	CEEC Hunan Thermal Power Construction Co., Ltd.	1,342	2023
37	Zhenjiang Dagang heating network (sub-medium pressure and grain depot steam)	Zhenjiang Dagang Thermal Power Co., Ltd.	656	2023
38	Tongling development zone east heating Phase 2 duplicate line	Tongling Gangneng Investment Smart Energy Co., Ltd.	560	2023
39	Lianjiang Kemen Port heating network Phase 3, outside-plant section	Fujian Huadian Kemen Power Generation Co., Ltd.	857	2024
40	CHN Energy Baoqing heating pipeline retrofit EPC: overhead pipes and insulated supports	CEPRI Central Southern China Electric Power Design Institute	480	2024
41	In-plant heating pipeline procurement	Huaneng Wuhan Power Generation Co., Ltd.	210	2024
42	Jinshan Power Plant to Jinqiao industrial steam supply: overhead seamless pipe and fittings	Inner Mongolia Energy Power Investment Group, Jinshan No.2 Thermal Branch	7,375	2024
43	Weihai Rongcheng low-carbon heating network	Weihai Weichang Municipal Engineering Co., Ltd.	1,100	2024
44	Huaneng Guanyun heating retrofit and Guanyun Lingang industrial zone energy transmission	Huai'an Sifang Insulation Pipe Co., Ltd.	4,000	2024

Alumina Projects 23 projects

No.	Project	End user / customer	Tonnes	Year
1	Dongfang Hope (Sanmenxia) aluminium maintenance project	Chalco Zhongzhou Branch	150	2003
2	Nanshan Group alumina project	Longkou Donghai Alumina Co., Ltd.	100	2005
3	Xinfa alumina Phase 1	Shandong Xinfa Hope Aluminium Co., Ltd.	212	2006
4	Xinfa Huayu alumina project	Chiping Xinfa Huayu Alumina Co., Ltd.	596	2006
5	Gasification technology upgrade	Guangxi Xinfa Aluminium & Power Co., Ltd.	600	2013
6	Aluminium plant revamp	Shanxi Zhaofeng Aluminium Co., Ltd., Alumina Branch	100	2017
7	Red mud transport and digestion unit casing pipe revamp	Guangxi Xinfa Aluminium & Power Co., Ltd.	5,369	2017
8	1.2 Mt alumina Phase 2 expansion seamless pipe	Shanxi Xinfa Chemical Co., Ltd.	7,215	2017
9	400 kt alumina capacity increase	Sanmenxia Yixiang Aluminium Co., Ltd.	1,090	2018
10	1.2 Mt alumina Phase 2 expansion	Guangxi Xinfa Aluminium & Power Co., Ltd.	8,133	2018
11	1.5 Mt aluminium hydroxide new materials project, Zone A	Jiangsu Weida Construction Co., Ltd.	7,048	2018
12	Jinlv Phase 3	Dongfang Hope Jinzhong Aluminium Co., Ltd.	7,085	2018
13	Plant-area heating network project	Xiaoyi Xing'an Chemical Co., Ltd.	893	2019
14	Alumina technical revamp	Shanxi Zhaofeng Aluminium Co., Ltd., Alumina Branch	100	2019
15	Alpart alumina refinery upgrade	Shanghai Jiesike International Trade Co., Ltd.	5,935	2019
16	300 kt/y alumina Phase 2 construction	Guizhou Guangle Aluminium Technology Co., Ltd.	1,148	2019
17	3.6 Mt/y specialty alumina	Chongqing Jiulong Wanbo New Materials Technology Co., Ltd.	3,304	2020
18	Hebei Wenfeng 2.4 Mt/y aluminium hydroxide	Zhejiang Shenrong Environmental Protection Technology Co., Ltd.	5,064	2021
19	Lubei Haisheng 1.5 Mt/y aluminium hydroxide new materials project	Jiangsu Weida Construction Co., Ltd.	1,300	2021
20	Guangxi Huasheng Phase 2, 2 Mt alumina project	Guangxi Huasheng New Materials Co., Ltd.	9,530	2023
21	Dongfang Hope (Sanmenxia) digestion decarbonization: double-pipe heat exchanger tubing	Dongfang Hope (Sanmenxia) Aluminium Co., Ltd.	6,000	2024
22	Alumina upgrade project	Chongqing Jiulong Wanbo New Materials Technology Co., Ltd.	485	2024
23	Aluminium-based new materials green technical revamp	Shandong Zhengtai Industrial Equipment Installation Co., Ltd.	5,572	2024

GET A QUOTATION

Send OD, wall thickness, grade and quantity. Ex-factory pricing within 24 hours.

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