



**BAKU STEEL  
COMPANY**



# **SEAMLESS PIPES**



[www.bakusteel.com](http://www.bakusteel.com)



# BAKU STEEL COMPANY



**BAKU STEEL  
COMPANY**



## BAKU STEEL COMPANY

Baku Steel Company CJSC (BSC), the largest and most modern metallurgical enterprise in the South Caucasus, with advanced steelmaking and rolling mills, plays a key role in the development of heavy industry in Azerbaijan. The official opening of the company took place on June 21, 2001 with the participation of national leader Heydar Aliyev. "Baku Steel Company", which operated for many years as a limited liability company (LLC), changed its form of management at the beginning of 2022 and became a closed joint-stock company (CJSC). Currently, BSC is one of the largest taxpayers in the non-oil sector of Azerbaijan.

In 2012-2013 a "state of the art" 60ton electric arc furnace of the "Ultimate-2" class was installed at the plant reflecting the latest technological achievements of the German company Siemens VAI and ladle furnace unit in which the liquid steel is prepared according to standards and customer demand. In 2024 vacuum degasser was installed especially for pipe casting to improve steel quality.

And last but not least, in 2021-2022 a new four-strand continuous casting machine (CCM) of the Turkish company Demora. The casting machine is designed for casting both round and square billets, with a radius of 10250mm, electromagnetic stirrer, cobalt-60 automatic mould level control system and C32 closed casting system from Vesuvius. In addition, the enterprise is equipped with equipment manufactured by leading companies from the USA, France, Italy, India and other countries.

The plant has a gas and dust collecting unit of perfect design, operating according to a special algorithm, with a suction capacity of 1.7 million m<sup>3</sup> per hour, corresponding to the environmental requirements.



Baku Steel Company CJSC (BSC), the largest and most modern metallurgical enterprise in the South Caucasus, with advanced steelmaking and rolling mills, plays a key role in the development of heavy industry in Azerbaijan.

---



The enterprise has fully automated operation of the main technological units used in steelmaking and rolling processes. A water treatment plant is also available for plant's industrial water requirements. Here, in addition to scrap metal, the specialists have mastered the process of DRI (direct reduced iron) and HBI (hot briquetted iron) melting process from the iron ore, in addition to scrap melting methods. Danieli installed a special material handling system for continuously feeding HBI and DRI into the electric arc furnace to increase material yield as well as decrease electrical consumption.

The plant's electrical substation is equipped with SVC unit with a capacity of 53 MVAR manufactured by the German company "Siemens".

The company has a central laboratory equipped with high-quality equipment from such leading countries as Japan, Germany, Switzerland, which meets international standards, allows for accurate analysis and is certified.

The enterprise carried out large-scale improvement works, landscaping works to create an ecologically clean microclimate on the territory of the plant, and other relevant activities.

It should be noted that in 2022, BSC was accepted as a permanent member of the World Steel Association, a prestigious international organization of world steelmakers.



# BAKU STEEL COMPANY **AZƏRBORU** PRODUCTION SITE

---



Azerbaijan Pipe Mill, one of the first in the field of black metallurgy, was established in Sumgayit, on the shores of the Caspian Sea in 1953. Starting from 2012, the Company has attracted the attention of its customers.

At present, the Company is a part of Baku Steel Company Group. The favourable conditions, such as the vicinity of railroads, highways and main waterways, allow AzerBoru to export its products to neighbour Russia, Ukraine, Kazakhstan, and to a number of European countries and USA.

Here, seamless pipes including casing, tubing and general purpose pipes with diameters ranging from 73 mm to 245 mm are produced from round steel billets from Baku Steel Company using up-to-date equipment.

Thanks to its high-quality seamless pipes, AzerBoru is our trade centre of the time and will always try to maintain that its position.



# CERTIFICATES AND QUALITY STANDARDS





American Petroleum Institute



**Certificate of Authority to use the Official API Monogram**  
License Number: 5CT-2421 ORIGINAL

The American Petroleum Institute hereby grants to  
**BAKU STEEL COMPANY CSJC**  
Sulh District 1  
Sumqayit  
Azerbaijan

the right to use the Official API Monogram™ on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1™ and **API-SCT** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **5CT-2421**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Seamless Casing or Tubing (Plain End), Seamless Casing or Tubing (Threaded and Coupled), Casing or Tubing Couplings at Grades H40 A, at Grades J55 N, at Grades K55 N, at Grades N80 (1) N and N8T, at Grades N80 (2) Q&T (Liquid)

QMS Exclusions: Design; Externally Owned Property

Effective Date: **JUNE 10, 2025**  
Expiration Date: **NOVEMBER 4, 2027**

To verify the authenticity of this license, go to [www.api.org/compositelist](http://www.api.org/compositelist).

*Anchal Liddar*  
Senior Vice President of Global Industry Services



American Petroleum Institute



**Certificate of Authority to use the Official API Monogram**  
License Number: 5L-1298 ORIGINAL

The American Petroleum Institute hereby grants to  
**BAKU STEEL COMPANY CSJC**  
Sulh District 1  
Sumqayit  
Azerbaijan

the right to use the Official API Monogram™ on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1™ and **API-5L** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **5L-1298**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Line Pipe Plain End at PSL 1 - Type of Pipe: SMLS / Delivery Condition: N / Max. Grade: X70 / Delivery Condition: Q / Max. Grade: X70 and / Delivery Condition: R / Max. Grade: X70

QMS Exclusions: Design; Externally Owned Property

Effective Date: **NOVEMBER 4, 2024**  
Expiration Date: **NOVEMBER 4, 2027**

To verify the authenticity of this license, go to [www.api.org/compositelist](http://www.api.org/compositelist).

*Anchal Liddar*  
Senior Vice President of Global Industry Services



American Petroleum Institute



**Certificate of Authority to use the Official API Monogram**  
License Number: 5B-0524 ORIGINAL

The American Petroleum Institute hereby grants to  
**BAKU STEEL COMPANY CSJC**  
Sulh District 1  
Sumqayit  
Azerbaijan

the right to use the Official API Monogram™ on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1™ and **API-5B** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **5B-0524**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Casing & Tubing Threads

QMS Exclusions: Design; Externally Owned Property

Effective Date: **JUNE 10, 2025**  
Expiration Date: **NOVEMBER 4, 2027**

To verify the authenticity of this license, go to [www.api.org/compositelist](http://www.api.org/compositelist).

*Anchal Liddar*  
Senior Vice President of Global Industry Services

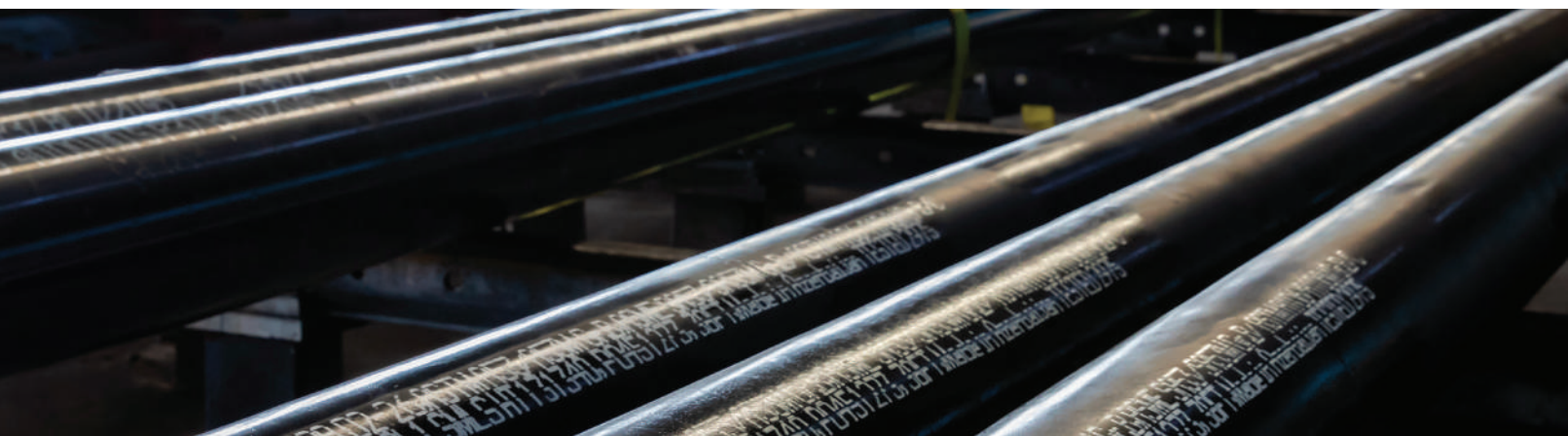


## PIPES

---

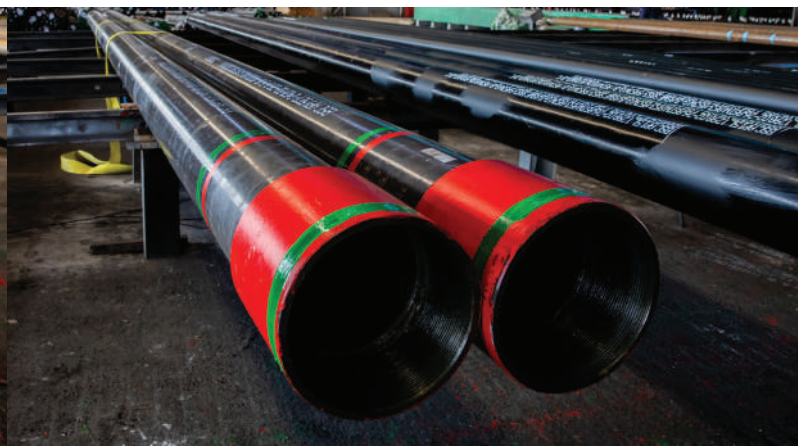
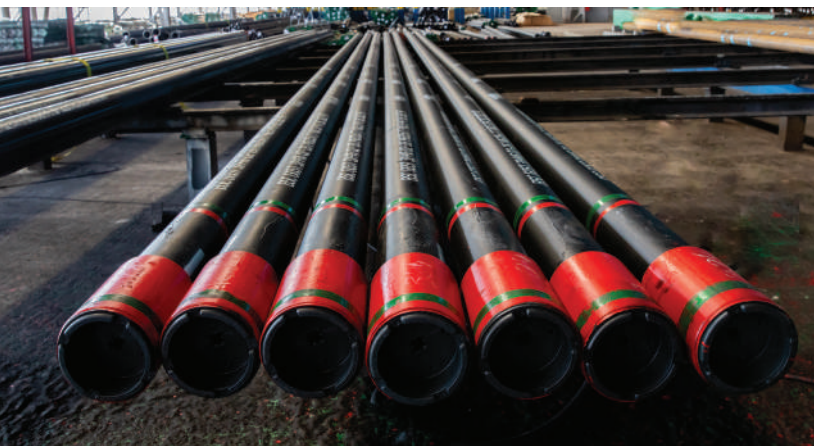
Seamless pipes with a diameter of 73-245 mm are produced on the RMA-250 unit in the Company's pipe rolling area. The rolling process was automated with the installation of rotary furnaces, the quality of pipes and the productivity of rolling mill were improved owing to the installation of induction furnaces before sizing mill and the acquisition of straightening machines with a new hydraulic system.

Seamless pipes with a diameter of 73-245 mm are produced on the RMA-250 unit in the company's pipe rolling area.





The threading of pipes and couplings is performed on digitally controlled German "EMAG" machines and Spanish "Danobat" machines. The connection of couplings and pipes is performed automatically using equipment supplied by the Italian company "Lazzari", hydraulic tests are carried out on a press from the Japanese company "YAMASUI", chemical analyses are carried out using a new multi-channel optical spectrometer. Non-destructive testing for the detection of internal defects and wall thickness control of pipes is carried out using ultrasonic testing equipment Volga-16-002-TK-PEP and Nordinkraft. Automated magnetic particle inspection (MPI) of couplings is performed using specialized equipment manufactured by Karl Deutsch.



**PIPES - GOST 8731-87; GOST 8732-78**

**PIPES - EN 10210-1:2006 ; EN 10297-1:2003 ;  
EN 10216-2:2013+A1:2019 ; EN 10216-1:2013**

Steel grade	Outer diameter	Weight of 1 linear meter by wall thickness											
		mm	5	6	7	8	9	10	11	12	14	16	18
СТ20; СТ35; СТ45; 09Г2С; 17ПГ; 13ХФА ; 18Г2С	76	8,754	10,36	11,91	13,42	14,87	16,28	17,63	18,94	21,4	23,67	25,75	27,62
	89	10,36	12,28	14,15	15,98	17,76	19,48	21,16	22,79	25,89	28,8	31,52	34,03
	102	11,96	14,2	16,4	18,47	20,64	22,69	24,65	26,63	30,38	33,93	37,29	40,44
	114	13,44	15,98	18,47	20,91	23,31	25,65	27,94	30,19	34,53	38,67	42,62	46,36
	127	15,04	17,90	20,72	23,48	26,19	28,85	31,47	34,03	39,01	43,80	48,39	52,78
	133	15,78	18,79	21,75	24,66	27,52	30,33	33,10	35,81	41,09	46,17	51,05	55,73
	140	16,65	19,83	22,96	26,04	29,08	32,06	34,99	37,88	43,50	48,93	54,16	59,19
	146	17,39	20,72	24,00	27,23	30,41	33,54	36,62	39,66	45,57	51,30	56,82	62,15
	159	18,99	22,64	26,24	29,79	33,29	36,75	40,15	43,50	50,06	56,43	62,59	68,56
	168	20,10	23,97	27,79	31,57	35,29	38,97	42,59	46,17	53,17	59,98	66,59	73,00
	178	21,33	25,45	29,52	33,54	37,51	41,43	45,30	49,13	56,62	63,92	71,03	77,93
	187	22,44	26,78	31,07	35,32	39,51	43,65	47,74	51,79	59,73	67,47	75,02	82,37
	194	23,31	27,82	32,28	36,70	41,06	45,38	49,64	53,86	62,15	70,24	78,13	85,82
	219	26,39	31,52	36,60	41,63	46,61	51,54	56,43	61,26	70,78	80,10	89,23	98,2
	245	-	-	-	46,45	52,37	57,95	63,47	68,94	79,75	90,35	100,76	111,0

Steel grade	Diameter	Wall thickness	Weight of 1 linear meter
	mm	mm	kg/m
	76,1	5	16,03
		6,3	16,78
		8	20,97
	88,9	5	10,3
		6,3	12,8
		8	16
	101,6	5	11,9
		6,3	14,8
		8	18,5
		10	22,6
	114,3	5	11,9
		6,3	14,8
		8	18,5
S235JRH; S275JOH; S275J2H; S355JOH; S355J2H;	114,3	8	25,98
		10	31,99
		12	37,79
S355K2H; E275K2; E355K2;	139,7	12,5	39,21
		10	31,99
		8	25,98
P195 TR1 and 2; P195 TR1 and 2; P265 TR1 and 2;	168,3	6,3	25,17
		8	31,63
		10	39,04
P265 TR1 and 2; P195 TR1 and 2; P195 TR1 and 2;	177,8	12,5	48,03
		8	33,50
		10	41,38
P195 TR1 and 2; P195GH; P235GH; P265GH	193,7	12,5	50,96
		8	33,50
		10	41,38
		14,2	57,29
	219,1	16	63,84
		8	33,50
		10	41,38
		12,5	50,96
		14,2	57,29
	244,5	16	63,84
		20	77,83
		8	46,12
		10	57,38
		12,5	70,97
	244,5	14,2	80,34
		16	90,11
		20	111,06

**PIPES - ASTM A106/A106M-19A, ASTM A53/A53M-22, API 5L**

Steel grade	Outer diameter		Wall thickness		Weight of 1 linear meter	
	inches	mm	inches	mm	kg/m	lb/ft
Gr.A, Gr.B, Gr.C, L175 or A25, L175P or A25P, L210 or A, L245 or B, L290 or X42, L320 or X46, L360 or X52, L390 or X56, L415 or X60, L450 or X65, L485 or X70	2.875	73.0	0.172	4.37	4.97	7.40
			0.188	4.78	5.40	8.04
			0.203	5.16	5.80	8.63
			0.216	5.49	6.14	9.14
			0.250	6.35	7.02	10.44
			0.276	7.01	7.67	11.41
			0.375	9.53	10.02	14.92
			0.552	14.02	13.71	20.39
	3.500	88.9	0.172	4.37	6.12	9.11
			0.188	4.78	6.66	9.92
			0.216	5.49	7.58	11.29
			0.250	6.35	8.69	12.93
			0.281	7.14	9.67	14.40
			0.300	7.62	10.26	15.27
			0.438	11.13	14.34	21.35
			0.600	15.24	18.60	27.68
	4.000	101.6	0.172	4.37	7.04	10.48
			0.188	4.78	7.66	11.41
			0.226	5.74	9.12	13.57
			0.250	6.35	10.02	14.92
			0.281	7.14	11.17	16.63
	4,5	114,3	0.318	8.08	12.52	18.64
			0,237	6,02	16,08	10,80
			0,25	6,35	16,91	11,36
			0,281	7,14	18,87	12,68
			0,312	7,92	20,78	13,96
			0,337	8,56	22,32	15,00
			0,438	11,13	28,32	19,03

Steel grade	Outer diameter		Wall thickness		Weight of 1 linear meter	
	inches	mm	inches	mm	kg/m	lb/ft
Gr.A, Gr.B, Gr.C, L175 or A25, L175P or A25P, L210 or A, L245 or B, L290 or X42, L320 or X46, L360 or X52, L390 or X56, L415 or X60, L450 or X65, L485 or X70	5,563*	141,3	0,258	6,55	21,77	14,63
			0,281	7,14	23,62	15,87
			0,312	7,92	26,05	17,51
			0,344	8,74	28,57	19,20
			0,375	9,52	30,94	20,79
			0,5	12,7	40,28	27,07
			0,625	15,88	49,12	33,01
					0,25	6,35
	6,625	168,3	0,28	7,11	28,26	18,99
			0,312	7,92	31,33	21,05
			0,344	8,74	34,39	23,11
			0,375	9,52	37,28	25,05
			0,432	10,97	42,56	28,60
			0,562	14,27	54,21	36,43
			0,719	18,26	67,57	45,40
					0,322	8,18
	8,625	219,1	0,344	8,74	45,34	30,47
			0,375	9,52	49,20	33,07
			0,406	10,31	53,09	35,67
			0,438	11,13	57,08	38,36
			0,5	12,7	64,64	43,44
			0,594	15,09	75,92	51,02
			0,719	18,26	90,44	60,78

## PIPES - GOST 632-80

Steel grade	Outer diameter		Wall thickness		Weight of 1 linear meter	
	inches	mm	inches	mm	kg/m	lb/ft
D, E, K, L	4,5	114,3	0,25	6,4	16,9	11,36
			0,29	7,4	19,4	13,04
			0,34	8,6	22,3	14,98
	5	127	0,25	6,4	19,1	12,83
			0,30	7,5	22,1	14,85
			0,36	9,2	26,7	17,94
			0,44	11,1	30,7	20,63
			0,48	12,1	34,4	23,11
			0,5	12,7	35,8	24,06
	5,5	139,7	0,28	7,0	22,9	15,36
			0,3	7,7	25,1	16,89
			0,36	9,2	29,5	19,84
			0,42	10,5	33,6	22,56
	6,625	168,3	0,29	7,3	29,0	19,51
			0,35	8,9	35,1	23,61
			0,42	10,6	41,2	27,68
	7	177,8	0,48	12,1	46,5	31,24
			0,32	8,1	33,7	22,65
			0,36	9,2	38,2	25,69
			0,41	10,4	42,8	28,75
			0,45	11,5	47,2	31,71
			0,5	12,6	51,5	34,62
	7,625	193,7	0,54	13,7	55,5	37,29
			0,33	8,3	38,1	25,59
			0,38	9,5	43,3	29,07
			0,43	10,9	49,2	33,08
			0,5	12,7	56,7	38,09
	8,625	219,1	0,56	14,3	63,2	42,44
			0,35	8,9	46,3	31,14
			0,4	10,2	52,3	35,14
0,45			11,4	58,5	39,34	
0,5			12,7	64,6	43,44	
9,625	244,5	0,56	14,1	71,5	48,05	
		0,35	8,9	51,9	34,88	
		0,4	10,0	58,0	38,97	
		0,44	11,1	63,6	42,74	
		0,47	12,0	68,7	46,16	
			13,8	78,7	52,88	

## PIPES - API 5CT ; GOST 31446-2017

Steel Grade	Outer diameter, mm	Outer diameter, inches	Wall Thickness, mm	Weight of 1 linear meter, kg/m	Weight of 1 linear meter, lb/ft
H40, J55, K55, N80 (all types), P110	73,02	2-7/8	5,51	9,52	6,40
			7,01	11,61	7,80
			7,82	12,80	8,60
			8,64	13,91	9,35
			9,96	15,63	10,50
			11,18	17,11	11,50
	88,9	3-1/2	5,49	11,46	7,70
			6,45	13,69	9,20
			7,34	15,18	10,20
			9,52	18,90	12,70
10,92			21,28	14,30	
12,09			23,07	15,50	
101,6	4	13,46	25,30	17,00	
		5,74	14,14	9,50	
		8,38	19,64	13,20	
		10,54	23,96	16,10	
		12,70	28,13	18,90	
114,3	4-1/2	15,49	33,04	22,20	
		6,35	17,38	11,68	
		7,37	19,87	13,35	
		8,56	22,69	15,25	
127,00	5	6,43	19,69	13,23	
		7,52	22,69	15,25	
		9,19	27,19	18,27	
		11,10	32,13	21,59	
		12,14	34,76	23,36	
		12,70	36,15	24,29	
139,70	5-1/2	12,70	36,15	24,29	
		6,20	20,91	14,05	
		6,99	23,48	15,78	
		7,72	25,72	17,28	
		9,17	30,05	20,19	
168,3	6-5/8	10,54	34,05	22,88	
		7,32	29,76	20,00	
		8,94	35,72	24,00	
		10,59	41,67	28,00	
		12,07	47,62	32,00	
177,8	7	8,05	34,67	23,30	
		9,19	39,14	26,30	
		10,36	43,60	29,30	
		11,51	47,92	32,20	
		12,65	52,09	35,00	
		13,72	56,10	37,70	
193,675	7-5/8	8,33	39,29	26,40	
		9,53	44,20	29,70	
		10,92	50,15	33,70	
		12,70	58,04	39,00	
		14,27	63,69	42,80	
219,1	8-5/8	8,94	47,62	32,00	
		10,16	53,57	36,00	
		11,43	59,53	40,00	
		12,70	65,48	44,00	
		14,15	72,92	49,00	
244,48	9-5/8	7,92	48,07	32,30	
		8,94	53,57	36,00	
		10,03	59,53	40,00	
		11,05	64,73	43,50	
		11,99	69,94	47,00	
		13,84	79,62	53,50	
		15,11	86,91	58,40	
		15,47	88,40	59,40	
		17,07	96,58	64,90	
		18,64	104,62	70,30	
20,24	112,50	75,60			



**BAKU STEEL  
COMPANY**

#### **OUR CONTACTS**

---

**Address:** Az1029, Azerbaijan, Baku,  
st. Mir-Jalala 15 (Darnagul)  
**Tel.:** +994 (12) 4900800 | \*9500  
**Email:** info@bakusteel.com  
**www.bakusteel.com**

#### **SOCIAL MEDIA**

---

**Instagram:** @baku\_steel\_company  
**facebook:** Baku Steel Company  
**linkedin:** Baku Steel Company

