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U. S. DEPARTMENT OF COMMERCE
NATIONAL BUREAU OF STANDARDS

Letter
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Ref.	Series	Price	
1	S24	OP	Radiation from platinum at high temperatures. G. K. Burgess. Bul. BS, 1, 443 (1904-05).
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3	S62	OP	Melting points of the iron-group elements by a new radiation method. G. K. Burgess. Bul. BS, 3, 345 (1907).
4	S78	OP	The best method of demagnetizing iron in magnetic testing. C. W. Burrows. Bul. BS, 4, 205 (1907-08).
5	S55	OP	Radiation from the melting point of palladium and platinum. C. W. Waidner and G. K. Burgess. Bul. BS, 3, 163 (1907).
6	S99	OP	Methods of obtaining cooling curves. G. K. Burgess. Bul. BS, 5, 199 (1908-09).
7	S121	OP	The estimation of the temperature of copper by means of optical pyrometers. G. K. Burgess. Bul. BS, 6, 111 (1909-10).
8	S109	OP	The testing of transformer steel. M. G. Lloyd and J. U. S. Fisher. Bul. BS, 5, 453 (1908-09).
9	S124	OP	Platinum resistance thermometry in high temperatures. C. W. Waidner and G. K. Burgess. Bul. BS, 6, 149 (1909-10).
10	S161	OP	The determination of vanadium in vanadium and chrome-vanadium steels. J. R. Cain. Bul. BS, 7, 377 (1911).
11	T 6	OP	The determination of chromium and its separation from vanadium in steels. J. R. Cain. Tech. Pap. BS, T6(1911).
12	T 8	OP	A rapid method for the determination of vanadium in steels, ores, etc., based on its quantitative inclusion by the phosphomolybdate precipitate. J. R. Cain and J. C. Hostetter. Tech. Pap. BS, T8 (1911).
13	T11	OP	Comparison of five methods used to measure hardness. R. P. Devries. Tech. Pap. BS, T11 (1912).
14	S198	OP	A micropyrometer. G. K. Burgess. Bul. BS, 9, 475 (1913).
15	S213	OP	Critical ranges A_2 and A_3 of pure iron. G. K. Burgess and J. J. Crowe. Bul. BS, 10, 515 (1914). Trans. Am. Inst. Min. Met. Eng. 47, 665 (1913).
16	T24	OP	The determination of phosphorus in steels containing vanadium. J. R. Cain and F. H. Tucker. Tech. Pap. BS, T24 (1913).
17	T33	OP	Determination of carbon in steel and iron by the barium carbonate titration method. J. R. Cain. Tech. Pap. BS, T33 (1913).
18	S205	$0.05	Melting points of the refractory elements. I. Elements of atomic weight from 48 to 59. G. K. Burgess and R. G. Waltenberg. Bul. BS, 10, 79 (1914).
19	S222	OP	The emissivity of metals and oxides. I. Nickel oxide(NiO) in the ranges of 600 to 1300°C. G. K. Burgess and P. D. Foote. Bul. BS, 10, 557 (1914).

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20	S242	OP	The emissivity of metals and oxides. II. Measurements with the micropyrometer. G. K. Burgess and R. G. Waltenberg. Bul. BS, 11, 591 (1915).
21	T38	$0.35	Observations on finishing temperature and properties of rails. J. J. Crowe, H. S. Rawdon and R.G.Waltenberg. Tech. Pap. BS, T38 (1914).
22	C31	.20	Copper wire tables. Cir. BS, C31 (1914).
23	S249	.05	The emissivity of metals and oxides. IV. Iron oxide. G. K. Burgess and P. D. Foote. Bul. BS, 12, 83 (1915-16).
24	S250	OP	Characteristics of radiation pyrometers. G. K. Burgess and P. D. Foote. Bul. BS, 12, 91 (1915-16).
25	S236	OP	Electrical resistance and critical ranges of pure iron. G. K. Burgess and I. N. Kellberg. Bul. BS, 11, 457(1915).
26			Sound ingots and rails. G. K. Burgess and R. A. Hadfield. Trans. Am. Inst. Min. Met. Eng. 51, 862 (1915). Proc. Iron and Steel Inst. Great Brit. 92, No. 2, 199 (1915).
27	S254	OP	A study of the quality of platinum ware. G. K. Burgess and P. D. Sale. Bul. BS, 12, 289 (1915-16).
28			On a supposed allotropy of copper. G. K. Burgess and I. N. Kellberg. J. Wash. Acad. 5, 657 (1915).
29	T53	.20	An investigation of fusible tin boiler plugs. G. K. Burgess and P. D. Merica. Trans. Am. Inst. Met. (1915-21). Tech. Pap. BS, T53 (1915).
30	S243	OP	The emissivity of metals and oxides. III. The total emissivity of platinum and the relation between total emissivity and resistivity. P. D. Foote. Bul. BS, 11, 607 (1915).
31			Magnetic studies of mechanical deformation in certain ferromagnetic metals and alloys. H. Haneman and P. D. Merica. Bul. Am. Inst. Chem. Eng. p. 2371 (1915).
32			Failure of structural brass. P. D. Merica and R. W.Woodward. Trans. Am. Inst. Met. p. 298 (1915).
33			Thermometry, pyrometry and heat conductivity. G. K. Burgess. Standard Handbook Elec. Eng. (1916).
34			Some problems in physical metallurgy at the National Bureau of Standards. G. K. Burgess. J. Franklin Inst. 182, 19 (1916).
35	S280	OP	Further experiments on the volatilization of platinum. G. K. Burgess and R. G. Waltenberg. BS Sci. Pap. 13, 365 (1916-17).
36	T61	OP	Some foreign specifications for railway materials; rails, wheels, axles, tires. G. K. Burgess and P. D. Merica. Tech. Pap. BS, T61 (1916).
37	S296	.05	Thermoelectric measurements of critical ranges of pure iron. G. K. Burgess and H. Scott. BS Sci. Pap. 14, 15 (1918-19).

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38	S272	OP	Correlation of the magnetic and mechanical properties of steel. C. W. Burrows. BS Sci. Pap. 13, 173 (1916-17).
39	S266	OP	Preparation of pure iron and iron-carbon alloys. J. R. Cain, E. Schram and H. E. Cleaves. BS Sci. Pap. 13, 1 (1916-17).
40	T69	OP	Determination of carbon in steels and irons by direct combustion in oxygen at high temperatures. J. R. Cain and H. E. Cleaves. Tech. Pap. BS, T69(1916). J. Wash. Acad. Sci. 6, 225 (1916).
41	T59	OP	Standard test specimen of zinc bronze (88 Cu 10 Sn 2 Zn). C. P. Karr and H. S. Rawdon. Tech. Pap. BS, T59 (1916).
42	T83	OP	Failure of brass: II. Effect of corrosion on ductility and strength of brass. P. D. Merica. Tech. Pap. BS, T83 (1916).
43	T84	OP	Failure of brass: III. Initial stresses produced by the "burning in" of manganese bronze. P. D. Merica and C. P. Karr. Tech. Pap. BS, T84 (1916).
44	T60	OP	Microstructural changes accompanying the annealing of cast bronze. H. S. Rawdon. Tech. Pap. BS, T60 (1916).
45			Note on the occurrence and significance of twinned crystals in electrolytic copper. H. S. Rawdon. J. Am. Inst. Met. 10, 198 (1916).
46			Report on ladle-test steel ingots. H. S. Rawdon and J. R. Cain. Proc. Am. Soc. Testing Materials 16, 129 (1916).
47	T91	OP	Temperature measurements in Bessemer and open-hearth practice. G. K. Burgess. Tech. Pap. BS, T91 (1917).
48	T82	OP	Failure of brass. I. Microstructure and initial stress in wrought brass of the type 60 percent copper and 40 percent zinc. P. D. Merica and R. W. Woodward. Tech. Pap. BS, T82 (1917).
49	T90	OP	Structure of coating on tinned sheet copper in relation to a specific case of corrosion. P. D. Merica. Tech. Pap. BS, T90 (1917).
50			The embrittling action of sodium hydroxide on mild steel. P. D. Merica. Chem. Met. Eng. 16, 496 (1917).
51			Notes on the thermocouple nichrome constantan. R. W. Woodward and T. R. Hanison. Chem. Met. Eng. 16, 647 (1917).
52	C66	$0.05	Standard samples of thermometric fixed points. Cir. BS, C66 (1917).
53	C76	OP	Aluminum and its light alloys. P. D. Merica. Cir. BS, C76 (1918). Chem. Met. Eng. 19, 135, 200, 329, 587, 635 (1918). (C76 now superseded by C346, $1.10)
54	T97	.05	Some unusual features in the microstructure of wrought iron. H. S. Rawdon. Trans. Am. Inst. Min. Met. Eng. 58, 493 (1918). Tech. Pap. BS, T97 (1918).

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55	T103	OP	Typical cases of the deterioration of Muntz metal by selective corrosion. H. S. Rawdon. Tech. Pap. BS, T103 (1918). J. Am. Inst. Met. 11, 12, 148 (1918).
56			Use of mercury solution for predicting season cracking in brass. H. S. Rawdon. Proc. Am. Soc. Testing Materials 18 (2), 189 (1918).
57	C67	$0.05	Combined tables of sizes in the principal wire gages. Cir. BS, C67 (1918).
58			Temperature measurements in steel furnaces. G.K.Burgess. Yearbook Am. Iron Steel Inst. p. 427 (1919).
59			Science and the after-war period. G. K. Burgess. Sci. Monthly, Feb. 1919; J. Wash. Acad. Sci. 9, 57 (1919).
60	T109	OP	Conservation of tin in bronzes, bearing metals and solders. G. K. Burgess and R. W. Woodward. Tech. Pap. BS, T109 (1919). Trans. Am. Inst. Min. Met. Eng. 60, 162 (1919).
61			Recent metallurgical work at the Bureau of Standards. G. K. Burgess. Blast Furnace & Steel Plant III (1), 130; (2), 195 (1919).
62			Report of ladle-test ingot investigation. Appendix of Report of Com. A-1. J. R. Cain and H. S. Rawdon. Proc. Am. Soc. Testing Materials 19 (1), 154 (1919).
63	S350	OP	Equilibrium conditions in the system carbon, iron oxide and hydrogen in relation to the Ledebur method for determining oxygen in steel. J. R. Cain. BS Sci. Pap. 15, 353 (1919-20).
64			Rapid determination of carbon in steel by the barium-carbonate titration method. J. R. Cain and L. C. Maxwell. J. Ind. Eng. Chem. 10, 520 (1919).
65	T118	OP	A critical study of the Ledebur method for determining oxygen in iron and steel. J. R. Cain and E.Pettijohn. Tech. Pap. BS, T118 (1919).
66	T126	OP	Study of the Goutal method of determining carbon-monoxide and carbon-dioxide in steels. J. R. Cain and E. Pettijohn. Tech. Pap. BS, T126 (1919).
67	T141	OP	Electrolytic resistance method for determining carbon in steel. J. R. Cain and L. C. Maxwell. Tech. Pap. BS, T141 (1919). J. Ind. Eng. Chem. 11, 852 (1919).
68	S346	$0.05	Oxygen content by the Ledebur method of acid Bessemer steels deoxidized in various ways. J. R. Cain and E. Pettijohn. BS Sci. Pap. 15, 259 (1919-20).
69			Determining gases in steel and the deoxidization of steel. J. R. Cain. Bul. Am. Inst. Min. Met. Eng. 152, 1309 (1919). Trans. Am. Inst. Min. Met. Eng. 62, 209 (1920).

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70			Manufacture and properties of light wall structural tubing. H. J. French. Bul. Am. Inst. Min. Met. Eng. 153, 1855 (1919); Trans. Am. Inst. Min. Met. Eng. 62, 303 (1920).
71			Comparative tests of Palau and Rhotanium ware as substitutes for platinum laboratory utensils. L.J.Gurevich and E. Wichers. J. Ind. Eng. Chem. 11, 570 (1919).
72			Tin fusible boiler plug manufacture and testing. L. J. Gurevich and J. S. Hromatko. Bul. Am. Inst. Min. Met. Eng. 152, 1351 (1919). Trans. Am. Inst. Min. Met. Eng. 64, 227 (1920).
73			Decomposition of metals. A. I. Krynitsky. Chem. Met. Eng. 20, 277, 421 (1919).
74			Experience with a 91:9 copper-aluminum alloy. A. I. Krynitsky. Chem. Met. Eng. 21, 770 (1919).
75	S337	OP	Constitution and metallography of aluminum and its light alloys with copper and magnesium. P. D. Merica, R. G. Waltenberg and J. R. Freeman, jr. BS Sci. Pap. 15, 105 (1919-20). Bul. Am. Inst. Min. Met. Eng. 151, 1031 (1919).
76	S347	OP	Heat treatment of duralumin. P. D. Merica, R. G. Waltenberg and H. Scott. BS Sci. Pap. 15, 271 (1919-20). Bul. Am. Inst. Min. Met. Eng. 150, 913 (1919).
77	S336	OP	A simplification of the inverse rate method for thermal analysis. P. D. Merica. BS Sci. Pap. 15, 101 (1919-20). Bul. Am. Inst. Min. Met. Eng. 151, 1021 (1919).
78	T129	OP	Notes on graphitization of white cast iron upon annealing. P. D. Merica and L. J. Gurevich. Tech. Pap. BS, T129 (1919). Bul. Am. Inst. Min. Met. Eng. 151, 1063 (1919). Trans. Am. Inst. Min. Met. Eng. 62, 509 (1919).
79	T132	$0.05	Mechanical properties and resistance to corrosion of rolled light alloys of aluminum and magnesium with copper, nickel and manganese. P. D. Merica, R. G. Waltenberg and A. N. Finn. Tech. Pap. BS, T132 (1919). Bul. Am. Inst. Min. Met. Eng. 151, 1051 (1919).
80	T139	OP	Some tests of light aluminum casting alloys. The effect of heat treatment. P. D. Merica and C. P. Karr. Tech. Pap. BS, T139 (1919). Proc. Am. Soc. Testing Materials 19 (2), 298 (1919).
81	T135	OP	Behavior of wrought manganese bronze exposed to corrosion while under tensile stress. P. D. Merica and R. W. Woodward. Tech. Pap. BS, T135 (1919). Proc. Am. Soc. Testing Materials 19 (2), 279 (1919).
82	C80	.20	Protective metallic coatings for the rustproofing of iron and steel. H. S. Rawdon, A. N. Finn and M. A. Grossman. Cir. BS, C80 (1919). (revised 1922). Chem. Met. Eng. 20, 458, 530, 591 (1919).

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83			Applications of metal radiography. H. S. Rawdon. Yearbook, Am. Iron & Steel Inst. p. 369 (1919).
84			Microstructure of flaky steel. H. S. Rawdon. Bul. Am. Inst. Min. Met. Eng. No. 146, pp. 185, 792, 804, 969 (1919); Trans. Am. Inst. Min. Met. Eng. 62, 246 (1920).
85	S343	$0.05	Location of flaws in rifle steel by magnetic analysis. R. L. Sanford and W. B. Kouwenhoven. BS Sci. Pap. 15, 219 (1919-20).
86	S335	.05	Effect of rate of temperature change on the transformations in an alloy steel. H. Scott. BS Sci. Pap. 15, 91 (1919-20). Bul. Am. Inst. Min. Met. Eng. 146, 157 (1919). Trans. Am. Inst. Min. Met. Eng. 62, 669 (1920).
87	S348	.05	Use of a modified Rosenhain furnace for thermal analysis. H. Scott and J. R. Freeman, jr. BS Sci. Pap. 15, 317 (1919-20). Bul. Am. Inst. Min. Met. Eng. 152, 1429 (1919).
88			Tests of clay for foundry uses. H. F. Staley. Trans. Am. Fdymen's Assn. 28, 465 (1919).
89			Physical properties of certain lead-zinc bronzes. H. F. Staley and C. F. Karr. Bul. Am. Inst. Min. Met. Eng. 153, 2485 (1919).
90			Metals for pyrometer standardization. C. W. Waidner and G. K. Burgess. Bul. Am. Inst. Min. Met. Eng. 152, 1511 (1919).
91	C35	OP	Melting points of chemical elements and other standard temperatures. Cir. BS, C35 (1919).
92			Governmental research. G. K. Burgess. Trans. Royal Can. Inst. Toronto V, XIII, No. 1 (1920). Sci. Monthly, p. 341 (1920).
93			The microscope and the heat treatment of steel. G. K. Burgess. Yearbook Am. Iron & Steel Inst. p.154 (1920).
94			Report of the pyrometer committee of the National Research Council. G. K. Burgess. Trans. Am. Inst. Min. Met. Eng. (1920).
95			New deoxidizers for steel manufacture. J. R. Cain. Chem. Met. Eng. 23, 879 (1920).
96			The heat treatment of a high chromium steel. H. J. French. J. Soc. Am. Eng. 7, 103 (1920). Chem. Met. Eng. 23, 13 (1920).
97			Tensile properties of boiler plate at elevated temperatures. H. J. French. Bul. Am. Inst. Min. Met. Eng. 158, Sec. 15 (1920). Trans. Am. Inst. Min. Met. Eng. 67, 67 (1922).
98			Some applications of alloy steels in the automotive industry. H. J. French. Am. Soc. Mech. Eng. Washington Section, Mar. 30, 1920.

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99			Prevention of columnar crystallization by rotation during solidification. H. M. Howe and E. C. Groesbeck. Trans. Am. Inst. Min. Met. Eng. 62, 341 (1920).
100	T163	OP	Stresses caused by cold rolling. H. M. Howe and E. C. Groesbeck. Tech. Pap. BS, T163 (1920). Proc. Am. Soc. Testing Materials 20 (2), 31 (1920).
101	T185	$0.10	Experiments on copper crusher cylinders. A. I. Krynitsky. Tech. Pap. BS, T185 (1920).
102			The embrittling effects of cleaning and pickling upon carbon steels. S. C. Langdon and M. A. Grossman. Trans. Am. Electrochem. Soc. 37, 543 (1920).
103	S404	.05	The magnetic reluctivity relationship as related to certain structures of an eutectoid carbon steel. C. Nusbaum, W. L. Cheney and H. Scott. BS Sci. Pap. 16, 739 (1920).
104			Nature of the defects revealed by the deep etching of transversely fissured rails. H. S. Rawdon. Rail Com. Am. Railway Assn. 85 (1920). Chem. Met. Eng. 22, 505 (1920).
105	S402	OP	The use of ammonium persulphate for revealing the macrostructure of iron and steel. H. S. Rawdon. BS Sci. Pap. 16, 715 (1920). Iron Age 106, 965 (1920).
106	S377	.05	The intercrystalline brittleness of lead. H. S. Rawdon. BS Sci. Pap. 16, 215 (1920). Bul. Am. Inst. Min. Met. Eng. 158, Sec. 7 (1920).
107			Contemporary foreign opinions on sulphur and phosphorus in steels. H. S. Rawdon. Chem. Met. Eng. 22, 609(1920).
108			Notes on electric welding. H. S. Rawdon. Mech. Eng. 42, 567 (1920); Elec. Railway Eng. 11, 441 (1920).
109	S397	.10	A study of the relation between the Brinell Hardness and the grain size of annealed carbon steels. H. S. Rawdon and E. Jimeno-Gil. BS Sci. Pap. 16, 557 (1920).
110			Metallography of arc-fused steel. H. S. Rawdon, L.Jordan and E. C. Groesbeck. Chem. Met. Eng. 23, 277 (1920).
111	S356	.10	Notes on microstructure of iron and mild steels at high temperatures. H. S. Rawdon and H. Scott. BS Sci. Pap. 15, 519 (1919-20). Trans. Am. Inst. Min. Met. Eng. 62, 246 (1920). Chem. Met. Eng. 22, 787 (1920).
112	T158	OP	A peculiar type of intercrystalline brittleness of copper. H. S. Rawdon and S. C. Langdon. Tech. Pap. BS, T158 (1920). Bul. Am. Inst. Min. Met. Eng. 158, Sec. 19 (1920).
113	T143	.10	A study of the deterioration of nickel spark plug electrodes in service. H. S. Rawdon and A. I. Krynitsky. Tech. Pap. BS, T143 (1920).

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114	T179	OP	Electric arc welding of steel: I. Properties of the arc fused metal. H. S. Rawdon, E. C. Groesbeck and L. Jordan. Tech. Pap. BS, T179 (1920).
115	S399	$0.10	Metallographic etching reagents: I. For copper. H. S. Rawdon and M. G. Lorentz. BS Sci. Pap. 16, 641 (1920).
116	T156	OP	Metallographic features revealed by the deep etching of iron and steel. H. S. Rawdon and S. Epstein. Tech.Pap. BS, T156 (1920).
117	S395	.10	Relation of the high-temperature treatment of high-speed steel to secondary hardening and red hardness. H. Scott. BS Sci. Pap. 16, 521 (1920). Trans. Am. Soc. Steel Treating 1, 551 (1920).
118	S376	.05	Critical ranges of some commercial nickel steels. H. Scott. BS Sci. Pap. 16, 195 (1920). Trans. Am.Inst. Min. Met. Eng. 67, 100 (1922).
119	S396	OP	Thermal and physical changes accompanying the heating of hardened carbon steels. H. Scott and G. H. Movius. BS Sci. Pap. 16, 537 (1920).
120			Similarity of the magnetic change in ferrite and cementite. H. Scott and G. H. Movius. Chem. Met. Eng. 22, 1069 (1920).
121	T172	OP	Cast iron for locomotive cylinder parts. C. H. Strand. Tech. Pap. BS, T172 (1920).
122	T155	OP	Cements for spark-plug electrodes. H. F. Staley. Tech. Pap. BS, T155 (1920).
123	S363	.05	Preparation and reflective properties of some alloys of aluminum with magnesium and zinc. R. G. Waltenberg and W. W. Coblentz. BS Sci. Pap. 15, 653 (1919-20).
124			Recent developments in light aluminum alloys. R. W. Woodward. Report of Nat. Advisory Com. Aero. 6, 35 (1920).
125	T178	.20	Steel rails from sink-head and ordinary rail ingots. G. K. Burgess. Tech. Pap. BS, T178 (1921). Chem. Met. Eng. 23, 921, 969, 1017 (1921).
126	T192	.10	Tests of centrifugally cast steel. G. K. Burgess. Tech. Pap. BS, T192 (1921). Trans. Am. Soc. Steel Treating 1, 370 (1921).
127			The government laboratory and industrial research. G. K. Burgess. Sci. Monthly 13, 523 (1921).
128	T207	OP	Manufacture and properties of steel plates containing zirconium and other elements. G. K. Burgess and R. W. Woodward. Tech. Pap. BS, 16, 123 (1921-22).
129	T209	.05	Thermal stresses in chilled iron car wheels. G.K.Burgess and R. W. Woodward. Tech. Pap. BS, 16, 193 (1921-22).
130			The coprecipitation of vanadic acid with ammonium phosphomolybdate. J. R. Cain and J. C. Hostetter. J. Am. Chem. Soc. 43, 2552 (1921).

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132	T205	OP	Tensile properties of some structural alloy steels at high temperatures. H. J. French. Tech. Pap. BS, 16, 77 (1921-22). Trans. Am. Soc. Steel Treating 11, 409 (1921).
133			Motion pictures in the physical testing laboratory. H. J. French. Chem. Met. Eng. 24, 131 (1921).
134			Review of recent Japanese metallurgical investigations. H. J. French. Chem. Met. Eng. 24 (Microstructure of chromium steels) 703, (Recent work on chromium-tungsten steels) 573, (Structure of tungsten steels) 745 (1921).
135			Elements of the heat treatment of steel. H. J. French. Am. Mach. 55, 907, 960 (1921).
136			Artificial seasoning of steels. H. J. French. Chem. Met. Eng. 25, 155 (1921); Am. Mach. 55, 768 (1921).
137	T206	$0.15	The effect of heat treatment upon the mechanical properties of one percent carbon steels. H. J. French and W. G. Johnson. Tech. Pap. BS, 16, 93 (1921-22). Trans. Am. Soc. Steel Treating 2, 467 (1921).
138	T203	OP	The effect of phosphorus upon the microstructure and hardness of low carbon open-hearth steels. E.C.Groesbeck. Tech. Pap. BS, 16, 1 (1921-22).
139			Note on the properties of antimonial lead. J. S. Hromatko and L. Gurevich. Chem. Met. Eng. 25, 62 (1921).
140	T185	.10	Experiments on copper crusher cylinders. A.I.Krynitsky. Tech. Pap. BS, T185 (1921).
141	C100	OP	Nickel. P. D. Merica. Cir. BS, C100 (1921). (Revised 1924 by E. C. Groesbeck). Chem. Met. Eng. 24, 17, 73, 197, 291, 375, 558, 649 (1921).
142			Some mechanical properties of hot-rolled Monel metal. P. D. Merica and R. G. Waltenberg. Proc. Am. Soc. Testing Materials 21, 922 (1921).
143	S405	.05	Effect of rate of cooling on the magnetic and other properties of an annealed eutectoid carbon steel. C. Nusbaum and W. L. Cheney. BS Sci. Pap. 17, 1 (1922).
144			The microscopic study of the structure of metals. H. S. Rawdon. Am. Mach. 55, 659 (1921).
145			The presence of internal fractures in steel rails and their relation to the behavior of the material under service stresses. H. S. Rawdon. Faraday Soc. 111, 470 (1921).
146			The uses of X-rays in the examination of steel. H. S. Rawdon. Met. Heating 1 (1), 14 (1921).
147			Some types of non-ferrous corrosion. H. S. Rawdon. Trans. Am. Electrochem. Soc. 39, 227 (1921).

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148			Fusion welding - a new use for castings. Discussion of fusion welding. H. S. Rawdon. Yearbook Am. Iron & Steel Inst. p. 340 (1921).
149			Some observations on season cracking. H. S. Rawdon. J. Inst. Met. 25, 149 (1921).
150			Macroscopic examination of metals. H. S. Rawdon. Chem. Met. Eng. 24, 385 (1921).
151			Preparation of small specimens for microscopic examination. H. S. Rawdon. Chem. Met. Eng. 24, 475 (1921).
152			Effects of metallic structure upon properties. H.S.Rawdon. Chem. Met. Eng. 24, 523 (1921).
153			Physical properties of arc-fused steel. H. S. Rawdon, E. C. Groesbeck and L. Jordan. Chem. Met. Eng. 23, 677 (1921).
154	T191	OP	Some factors affecting the life of machine-gun barrels. W. W. Sveshnikoff. Tech. Pap. BS, T191 (1921).
155			Note on notched-bar impact tests and toughness of Monel metal. R. G. Waltenberg. Chem. Met. Eng. 25, 322 (1921). Met. Ind. (London) 19, 229 (1921).
156			Structural properties of metals and alloys. R.W.Woodward. Am. Mach. 55, 296 (1921).
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