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METALLURGY: PUBLICATIONS BY MEMBERS OF THE STAFF OF THE  
NATIONAL BUREAU OF STANDARDS  
(1936-1946)

General Information

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Reference numbers are assigned to facilitate use of the indices. RP is used to designate Research Papers; C, Circulars; R, Simplified Practice Recommendations; M, Miscellaneous Publications; LC, Letter Circulars; and BMS, Building and Materials Structures Reports.

Ref.		Series	Price
1	Mesle's chord method for measuring the thickness of metal coatings. W. Blum and A. Brenner. J. Research NBS <u>16</u> , 171 (1936).	RP866	\$0.05
2	Corrosive protective value of electrodeposited zinc and cadmium coating on steel. W. Blum, P. W. C. Strausser and A. Brenner. J. Research NBS <u>16</u> , 185 (1936).	RP867	.05
3	Mechanical properties of aluminum alloy rivets. W. C. Brueggeman. Nat. Advisory Comm. Aeron. Tech. Note. 585 (1936).		
4	Oxalic acid as an electrolytic etching reagent for stainless steels. G. A. Ellinger. Trans. Am. Soc. Metals <u>24</u> , 26 (1936).		
5	Inspection and tensile tests of some worn wire ropes. W. H. Fulweiler, A. H. Stang and L. R. Sweetman. J. Research NBS <u>17</u> , 401, (1936).	RP920	OP
6	The platinum metals (review of literature 1933-35). R. Gilchrist. Annual Survey of American Chemistry <u>10</u> (published by Nat. Research Council)(1936).		
7	Thermal expansion of copper-beryllium alloys. P. Hidnert. J. Research NBS <u>16</u> , 529 (1936). Met. Ind. (London) <u>49</u> , 212 (1936).	RP890	.05
8	Thermal expansion of lead-antimony alloys. P. Hidnert. J. Research NBS <u>17</u> , 697 (1936).	RP938	.10
9	Production, heat treatment, and properties of iron alloys. L. Jordan. Cir. NBS (1936).	0409	.15
10	Discussion of "Austenitic grain-size in cast iron" by D. W. Murphy and W. P. Wood. A. I. Krynitsky. Trans. Am. Soc. Metals <u>24</u> , 89 (1936).		
11	An improved method for preparing cast iron transverse test bars. A. I. Krynitsky and C. M. Saeger, jr. J. Research NBS <u>16</u> , 367 (1936). Fdy. Tr. J. (Lond.) 55, 485 (1936). Trans. Am. Foundrymen's Assn. <u>45</u> , 753 (1937).	RP880	OP
12	The use of nonferrous metals underground. K. H. Logan. Oil & Gas J. (Tulsa, Okla.) <u>35</u> , No. 9, 137 (Sept. 24, 1936).		
13	Underground corrosion. K. H. Logan. Trans. Am. Soc. Civil Eng. <u>101</u> , 811 (1936).		
14	Soil-corrosion studies, 1934. Rates of loss of weight and penetration of nonferrous metals. K. H. Logan. J. Research NBS <u>17</u> , 781 (1936).	RP945	OP
15	Soil-corrosion studies, 1934. Rate of loss of weight and pitting of ferrous specimens. K. H. Logan. J. Research NBS <u>16</u> , 431 (1936).	RP883	OP
16	Arc and spark spectra of columbium. W. F. Meggers and A. S. King. J. Research NBS <u>16</u> , 385 (1936).	RP881	.05
17	Term analysis of the first spectrum of vanadium (VI). W. F. Meggers and N. N. Russell, J. Research NBS <u>17</u> , 125 (1936).	RP906	.10
18	Determination of the Brinell number of metals. S. N. Petrenko, W. Ramberg and B. Wilson. J. Research NBS <u>17</u> , 59 (1936).	RP903	.05

Ref.		Series	Price
19	Final report on effect of sulfur in steel. Joint Committee on Investigation of Effect of Phosphorus and Sulphur in Steel. H. S. Rawdon. Proc. Am. Soc. Testing Materials <u>36</u> (I), 88 (1936).		
20	Silver: Its properties and industrial uses. B. A. C412 Rogers, I. C. Schoonover and L. Jordan. Cir NBS (1936).		\$0.10
21	An alternating current magnetic comparator and the testing of tool resisting prison bars. R. L. Sanford. J. Research NBS <u>16</u> , 563 (1936).	RP894	.05
22	Distillation and separation of arsenic, antimony and tin. J. A. Scherrer. J. Research NBS <u>16</u> , 253 (1936).	RP871	OP
23	Some tests of steel columns incased in concrete. A. H. Stang, H. L. Whittemore and D. E. Parsons. J. Research NBS <u>16</u> , 265 (1936).	RP873	.10
24	Tests of eight large H-shaped columns fabricated from carbon-manganese steel. A. H. Stang, H. L. Whittemore and L. R. Sweetman. J. Research NBS <u>16</u> , 595 (1936).	RP896	.05
25	Tests of steel chord members for the Bayonne bridge. A. H. Stang, H. L. Whittemore and L. R. Sweetman. J. Research NBS <u>16</u> , 627 (1936).	RP897	.05
26	Failure of heat-treated steel wire in cables of the Mt. Hope R.I. suspension bridge. W. H. Swanger and G. F. Wohlgenuth. Proc. Am. Soc. Testing Materials <u>36</u> (II), 21 (1936). Abst. and disc., Metal Progress <u>30</u> , 67 (Aug. 1936).		
27	Electrical resistance alloys of copper, <sup>manganese</sup> and aluminum. J. L. Thomas. J. Research NBS <u>16</u> , 149 (1936).	RP863	OP
28	Large single crystals of copper (simplified method for their preparation). J. G. Thompson. Metals & Alloys <u>7</u> , 19 (1936).		
29	Discussion of "A dilatometric study of the alpha-gamma transformation in high purity iron" by C. Wells, R. A. Ackley and R. F. Mehl. J. G. Thompson and H. A. Bright. Trans. Am. Soc. Metals <u>24</u> , 67 (1936).		
30	A summary of information on the preparation and properties of pure iron. J. G. Thompson and H. E. Cleaves. J. Research NBS <u>16</u> , 105 (1936).	RP860	.05
31	Cooperative study of methods for the determination of oxygen in steel. J. G. Thompson, H. C. Vacher and H. A. Bright. Metals Technology (Dec. 1936). J. Research NBS <u>18</u> , 259 (1937). Trans. Am. Inst. Min. Met. Eng., Iron & Steel Div., <u>125</u> , 246 (1937).	RP976	.10
32	Discussion of "Equilibrium in the reaction hydrogen and iron oxide in liquid iron at 1600°C" by M. G. Fontana and J. Chipman. H. C. Vacher. Trans. Am. Soc. Metals <u>24</u> , 333 (1936).		
33	Magnetic methods for measuring the thickness of nickel coatings on nonmagnetic base metals. A. Brenner. J. Research NBS <u>18</u> , 565 (1937).	RP994	OP

Ref.		Series	Price
34	Strength of welded aircraft joints. W. C. Brueggeman. Nat. Advisory Comm. Aeron. Tech. Report 584 (1937).		\$0.15
35	Anodic treatment of aluminum. R. W. Buzzard. U. S. Patent 2,085,002 (1937).		.10
36	Anodizing of aluminum alloys in chromic acid solutions of different concentrations. R. W. Buzzard. J. Research NBS <u>18</u> , 251 (1937).	RP975	OP
37	Baths for anodic treatment of aluminum. R. W. Buzzard. U. S. Patent 2,066,327 (1937).		.10
38	Anodic coating of magnesium alloys. R. W. Buzzard and J. H. Wilson. J. Research NBS <u>18</u> , 83 (1937). Metallurgia (England) <u>15</u> , 181 (1937).	RP964	OP
39	Deterioration of chromic acid baths used for anodic oxidation of aluminum alloys. R. W. Buzzard and J. H. Wilson. J. Research NBS <u>18</u> , 53 (1937).	RP961	OP
40	Preparation of iron oxide as a source of high-purity iron. H. E. Cleaves and J. G. Thompson. J. Research NBS <u>18</u> , 595 (1937).	RP996	.05
41	Progress in light alloys. A. J. Dornblatt. Metal Progress <u>32</u> , 575 (1937).		
42	Laboratory corrosion tests of welded low-carbon stainless steel. G. A. Ellinger and L. C. Bibber. J. Research NBS <u>18</u> , 69 (1937).	RP963	.05
43	Pipe corrosion. S. Ewing. Gas Age <u>80</u> , No. 10, 25 (1937).		
44	Micrographs of high-purity iron-carbon alloys. H. K. Herschman. Metal Progress <u>32</u> , 781 (1937).		
45	Thermal expansion of cemented tungsten carbide. P. Hidnert. J. Research NBS <u>18</u> , 47 (1937). Sci. Abs. (A), Inst. Elec. Eng. (Lond.) <u>40</u> , 175 (1937).	RP960	.05
46	Redetermination of the atomic weight of aluminum. J. I. Hoffman and G. E. F. Lundell. J. Research NBS <u>18</u> , 1 (1937).	RP957	.05
47	Rapid electrodeposition of iron from ferrous chloride baths. C. Kasper. J. Research NBS <u>18</u> , 535 (1937).	RP991	.05
48	Diffusion in solid metals - A correlated abstract. Parts I, II and III. A. I. Krynitsky. Metals & Alloys <u>8</u> , 138; <u>8</u> , 173; <u>8</u> , 261 (1937).		
49	Soil-corrosion studies, 1934. Bituminous coatings for underground service. K. H. Logan. J. Research NBS <u>19</u> , 695 (1937).	RP1058	.10
50	Soil-corrosion studies, 1934. Field tests of non-bituminous coatings for underground use. K. H. Logan and S. P. Ewing. J. Research NBS <u>18</u> , 361 (1937).	RP982	.10
51	Soil corrosion testing. K. H. Logan, S. P. Ewing and I. A. Denison. Symposium on Corrosion Testing Procedure, Am. Soc. Testing Materials. Page 99 (1937).		
52	A contribution to the chemistry of rhenium. G. E. F. Lundell and H. B. Knowles. J. Research NBS <u>18</u> , 629 (1937).	RP999	.05

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53	Journal-bearing design as related to maximum loads, speeds, and operating temperatures. S. A. McKee. J. Research NBS <u>19</u> , 457 (1937).	RP1037 \$.05
54	Service test results of titanium-treated and silicon-treated steel rails. G. W. Quick. J. Research NBS <u>19</u> , 531 (1937).	RP1042 .05
55	Atmospheric corrosion testing. H. S. Rawdon. Paper published as part of book entitled Symposium on Corrosion Testing Procedures. Am. Soc. Testing Materials (1937).	
56	Discussion of "Some factors affecting the plastic deformation of sheet and strip steel and their relation to the deep-drawing properties" by J. Winlock and R. W. E. Leiter. H. S. Rawdon. Trans. Am. Soc. Metals <u>25</u> , 187 (1937).	
57	Discussion of "Fine-grained structural steels for low-temperature pressure-vessel service" by A. B. Kinzel, W. Crafts and J. J. Egan. S. J. Rosenberg. Trans. Am. Inst. Min. Met. Eng. <u>125</u> , 589 (1937).	
58	Oxide films as a protection against wear. S. J. Rosenberg. Int. Assn. Testing Materials (London Congress), Group A (Sub-group 4), page 160 (1937).	
59	Torsion tests of tubes. A. H. Stang, W. Ramberg, G. Back. Nat. Advisory Comm. Aeron. Tech. Report 601 (1937).	.10
60	Discussion of "A new tool for the control of quality steel making" by G. T. Motok. J. G. Thompson and H. C. Vacher. Trans. Am. Soc. Metals <u>25</u> , 481 (1937).	
61	Discussion of "Effect of temperature upon interaction of gases with liquid steel" by J. Chipman and A. M. Samarin. H. C. Vacher. Trans. Am. Inst. Min. Met. Eng., Iron & Steel Div. <u>125</u> , 345 (1937).	
62	Square solder wire for small jobs. C. E. Waters. The Modelmaker, Wauwatosa, Wisc. <u>15</u> , 46 (Dec. 1937-Jan. 1938); Rev. Sci. Instr. (Cornell University) <u>9</u> , 139 (1938).	
63	Magnetic method for measuring the thickness of non-magnetic coatings on iron and steel. A. Brenner. J. Research NBS <u>20</u> , 357 (1938).	RP1081 .05
64	Bath for and method of coating magnesium and its alloys. R. W. Buzzard. U. S. Patent 2,114,734 (1938).	.10
65	Methods of treating anodic coatings on magnesium and aluminum alloys. R. W. Buzzard and J. H. Wilson. U. S. Patent 2,138,023 (1938).	.10
66	Discussion of "Some factors influencing austenitic grain size in high purity steels," by Derge, Kommell and Mehl. T. G. Digges. Trans. Am. Soc. Metals <u>26</u> , 167 (1938).	
67	Effect of carbon on the critical cooling rate of high-purity iron-carbon alloys and plain carbon steels. T. G. Digges. J. Research NBS <u>20</u> , 571 (1938); Abst. Bul. Am. Phys. Soc. <u>13</u> , 18 (April 19, 1938); The Metallurgist, p. 145, August 26, 1938; Phys. Rev. <u>53</u> , Ser. 2, 925 (1938).	RP1092 .10

Ref.		Series	Price
68	Effect of carbon on the hardenability of high-purity iron-carbon alloys. T. G. Digges. Trans. Am. Soc. Metals <u>26</u> , 408 (1938).		
69	The development of new uses for silver. A. J. Dornblatt. Mining Congress J. <u>24</u> , No. 10, 31 (1938).		
70	Silver for plant use. A. J. Dornblatt. Chem. Met. Eng. <u>45</u> , 601, 608 (1938).		
71	Silver, fine, sterling, and coin:- data sheet. A. J. Dornblatt. Chem. Met. Eng., p. 637 (Nov. 1938).		
72	Soil corrosion and pipe line protection (book). Scott Ewing. Am. Gas Assn., 420 Lexington Ave., New York (1938).		\$2.50
73	High-purity iron-carbon alloys - a special reference plate. H. K. Herschman. Metal Progress <u>34</u> , 689 (1938).		
74	Thermal expansion and effects of heat treatments on the growth, density, and structure of some heat-resisting alloys. P. Hidnert. J. Research NBS <u>20</u> , 809 (1938); Phys. Rev. <u>53</u> , 925 (1938).	RP1106	OP
75	Discussion of "The rate of austenitic transformation in cast iron" by Murphy, Wood and Girardi. A. I. Krynitsky. Trans. Am. Soc. Metals <u>26</u> , 188 (1938).		
76	Underground corrosion of pipe. K. H. Logan. Chem. Met. Eng. <u>45</u> , 422 (1938).		
77	The corrosion and protection of pipe lines in the United States of America. K. H. Logan. From "The Science of Petroleum," Oxford Press, Oxford, England, p. 747 (1938).		
78	The theory of impact testing: Influence of temperature, velocity of deformation, and form and size of specimen on work of deformation. D. J. McAdam, jr. and R. W. Clyne. Part of Symposium on Impact Testing, Am. Soc. Testing Materials (1938).		
79	A note on rapid photomicrography. W. H. Mutchler and H. O. Willier. Trans. Am. Soc. Metals <u>26</u> , 279 (1938).		
80	The crinkling strength and the bending strength of round aircraft tubing. W. R. Osgood. Nat. Advisory Comm. Aeron. Tech. Report 632 (1938).		.10
81	Method of investigation of surface treatment for corrosion protection of steel. R. E. Pollard and W. C. Porter. (1938).	BMS8	.10
82	Reference tables for iron-constantan and copper-constantan thermocouples. W. F. Roeser and A. I. Dahl. J. Research NBS <u>20</u> , 337 (1938).	RP1080	.05
83	Survey of roofing materials in the southeastern states. H. R. Snoke and L. J. Waldron. (1938).	BMS6	.15
84	Strength of a riveted steel rigid frame having straight flanges. A. H. Stang, M. Greenspan and W. R. Osgood. J. Research NBS <u>21</u> , 269 (1938).	RP1130	.15

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85	Strength of a riveted steel rigid frame having a curved inner flange. A. H. Stang, M. Greenspan and W. R. Osgood. J. Research NBS <u>21</u> , 853 (1938).	RP1161	\$0.10
86	Discussion of "An X-ray study of Ar <sub>3</sub> and Ac <sub>3</sub> points of iron and iron-nickel alloys" by S. D. Smith. J. G. Thompson. Trans. Am. Soc. Metals <u>26</u> , 255 (1938).		
87	Hydrogen-reduction method for the determination of oxygen in steel. J. G. Thompson and V. C. F. Holm. J. Research NBS <u>21</u> , 79 (1938).	RP1114	.05
88	Determinations of oxygen in alloy steels. J. G. Thompson and V. C. F. Holm. J. Research NBS <u>21</u> , 87 (1938).	RP1115	.10
89	The "pack" method for compressive tests of thin specimens of materials used in thin-wall structures. C. S. Aitchison and L. B. Tuckerman. Nat. Advisory Comm. Aeron. Report 649 (1939).		.10
90	Dropping tests for measuring the thickness of zinc and cadmium coatings on steel. A. Brenner. J. Research NBS <u>23</u> , 387 (1939).	RP1240	.10
91	Seeking new uses for silver. L. J. Briggs. Barron's Financial Weekly <u>19</u> , No. 4, 9 (Jan. 23, 1939).		
92	Observations on the behavior of steel corroding under cathodic control in soils. I. A. Denison and R. B. Darnielle. Trans. Electrochem. Soc. <u>76</u> , 199 (1939).		
93	Transformation of austenite on quenching high-purity iron-carbon alloys. T. G. Digges. J. Research NBS <u>23</u> , 151 (1939); Trans. Am. Soc. Metals <u>28</u> , 575 (1940).	RP1225	.05
94	Constitution of lead-silver alloys. A. J. Dornblatt. Metals Handbook (Am. Soc. Metals), p. 1523 (1939).		
95	New horizons for silver. A. J. Dornblatt. The Frontier (Armour Inst. of Tech., Chicago) <u>2</u> , 6 (March 1939).		
96	A study of silver plating for industrial applications. A. J. Dornblatt, C. S. Lowe and A. C. Simon. Reprint from Convention Proc., Am. Electroplaters' Soc., p. 214, June 1939; Monthly Rev. (Am. Electroplaters' Soc.) <u>26</u> , No. 8, 593 (August 1939).		
97	A method of preparation of metallographic specimens. G. A. Ellinger and J. S. Acken. Trans. Am. Soc. Metals <u>27</u> , 382 (1939).		
98	Effects of aluminum and of antimony on certain properties of cast red brass. H. B. Gardner and C. M. Saeger, jr. J. Research NBS <u>22</u> , 707 (1939); Fdy. Tr. J. <u>62</u> , 78 (1940); Trans. Am. Foundrymen's Assn. <u>47</u> , 423 (1939).	RP1215	.10
99	Separation and colorimetric determination of rhenium and molybdenum. J. I. Hoffman and G. E. F. Lundell. J. Research NBS <u>23</u> , 497 (1939).	RP1248	.05

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<u>100</u>	Effect of service stresses on impact resistance, X-ray diffraction patterns and microstructure of 25S aluminum alloy. J. A. Kies and G. W. Quick. Nat. Adv. Comm. Aeron. Tech. Report 659 (1939).		\$0.10
101	A sensitive pyramidal-diamond tool for indentation measurements. F. Knoop, C. G. Peters and W. B. Emerson. J. Research NBS <u>23</u> , 39 (1939).	RP1220	OP
102	Discussion of "The relation of microstructure to the enamelability of cast iron" by G. H. Spencer-Strong. A. I. Krynitsky. Trans. Am. Foundrymen's Assn. <u>46</u> , 807 (1939).		
103	Elastic properties of cast iron. A. I. Krynitsky and C. M. Saeger, jr. J. Research NBS <u>22</u> , 191 (1939); Metallurgia <u>20</u> , 213 (Oct. 1939); Fdy. Tr. J. <u>61</u> , 373 (1939).	RP1176	.15
104	New method of measuring deflection in the transverse-loading test of cast iron. A. I. Krynitsky and C. M. Saeger, jr. Bull. 97, Am. Soc. Testing Materials <u>23</u> (March 1939).		
105	Determination of quenching rates in an aluminum alloy of the duralumin type. H. L. Logan. Bul. Am. Physical Soc. <u>14</u> , 37 (Apr. 12, 1939).		
106	Rate of oxidation of steels as determined from interference colors of oxide films. D. J. McAdam, jr. and G. W. Geil. J. Research NBS <u>23</u> , 63 (1939).	RP1221	.10
107	Tensile-elastic properties of 18-8 chromium-nickel steel as affected by plastic deformation. D. J. McAdam, jr. and R. W. Mebs. Nat. Adv. Comm. Aeron. Tech. Report 670 (1939).		.15
108	The weathering of light-metal alloys used in aircraft. W. H. Mutchler. Nat. Adv. Comm. Aeron. Tech. Report 663 (1939).		.15
109	Tidewater and weather-exposure tests of metals used in aircraft. W. H. Mutchler and W. G. Galvin. Nat. Adv. Comm. Aeron. Tech. Note 736 (1939).		
110	The column strength of two extruded aluminum-alloy H-sections. W. R. Osgood and M. Holt. Nat. Adv. Comm. Aeron. Tech. Report 656 (1939).		.10
111	Survey of roofing materials in the northeastern states. H. R. Snoke and L. J. Waldron. (1939).	BMS29	.10
112	Strength of a welded steel rigid frame. A. H. Stang and M. Greenspan. J. Research NBS <u>23</u> , 145 (1939).	RP1224	.05
113	Preparation of high-purity iron. J. G. Thompson and H. E. Cleaves. J. Research NBS <u>23</u> , 163 (1939).	RP1226	.10
114	Preparation of crucibles from special refractories by slip-casting. J. G. Thompson and M. W. Mallett. J. Research NBS <u>23</u> , 319 (1939).	RP1236	OP
115	Development of a fibrous texture in cold-worked rods of copper. H. C. Vacher. J. Research NBS <u>22</u> , 651 (1939).	RP1210	.10



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116	Silver in industry. L. Addicks. Reinhold Publ. Corp. (1940).		
117	Extension of pack method for compressive tests. C. S. Aitchison. Nat. Adv. Comm. Aeron. Tech. Note 789 (1940).		
118	What metals can be deposited from aqueous solutions? W. Blum. Mon. Rev., Am. Electroplaters' Soc. 27, 923 (Dec. 1940).		
119	Outdoor exposure tests of electroplated nickel and chromium coatings on steel and nonferrous metals. W. Blum and P. W. C. Strausser. J. Research NBS 24, 443 (1940).	RP1293	\$0.05
120	Influence of austenitic grain size on the critical cooling rate of high-purity iron-carbon alloys. T. G. Digges. J. Research NBS 24, 723 (1940); Tr. Am. Soc. Metals 29, 285 (1941); The Metallurgist (London), p. 133 (October 1940).	RP1308	.10
121	The transformation of austenite. T. G. Digges. Metal Progress 38, 419 (Oct. 1940).		
122	Thermal expansion of electrolytic chromium. P. Hidnert. J. Research NBS 26, 81 (1941).	RP1361	.05
123	Thermal expansion of some chromium-vanadium steels. J. Research NBS 24, 25 (1940). P. Hidnert.	RP1269	.05
124	Observations on the tarnishing of stainless steels on heating in vacuo. V. C. F. Holm. Chapter in book, "Surface treatment of metals." Am. Soc. Metals (1940).		
125	Electrode potential measurements as a means of studying the corrosion characteristics of wrought aluminum alloys of the duralumin type. H. L. Logan, J. Research NBS 25, 315 (1940); The Metallurgist, June 27, 1941.	RP1328	.05
126	Strength of soft-soldered joints in copper tubing. A. R. Maupin and W. H. Swanger. (1940).	BMS58	.10
127	Influence of cyclic stress on corrosion pitting of steels in fresh water, and influence of stress corrosion on fatigue limit. D. J. McAdam, jr. and G. W. Geil. J. Research NBS 24, 685 (1940).	RP1307	.10
128	Tensile-elastic properties of typical stainless steels and nonferrous metals. D. J. McAdam, jr. and R. W. Mebs. Nat. Advisory Comm. Aeron. Tech. Note 693 (1941).		
129	Corrosion of metals used in aircraft. W. H. Mutchler. J. Research NBS 25, 75 (1940); The Metallurgist, June 27, 1941.	RP1316	OP
130	Surface treatment of steel prior to painting. R. E. Pollard and W. C. Porter (1940); Metal Finishing 38, 620 (1940).	BMS44	.10
131	Colorimetric determination of arsenic in ferrous and nonferrous alloys. C. J. Rodden. J. Research NBS 24, 7 (1940).	RP1267	.05
132	Effect of low temperatures on the properties of aircraft metals. S. J. Rosenberg. J. Research NBS 25, 673 (1940).	RP1347	.10

Ref.		Series	Price
133	Impact properties of low-nickel steel -- a discussion. S. J. Rosenberg. Trans. Am. Soc. Metals <u>28</u> , No. 1, 19 (1940).		
134	Effect of rate of heating through the transformation range on austenitic grain size. S. J. Rosenberg and T. G. Digges. J. Research NBS <u>25</u> , 215 (1940); Trans. Am. Soc. Metals <u>29</u> , 638 (1941); The Metallurgist, p. 2, Feb. 28, 1941.	RP1322	\$0.15
135	Discussion of "Properties of hot-pressed and sintered copper powder compacts" by C. G. Goetzel. W. H. Swanger. Trans. Am. Soc. Metals <u>28</u> , 929 (1940).		
136	Pure irons - ancient and modern. J. G. Thompson. Min. & Met. <u>21</u> , 231 (1940).		
137	Note on the effects of cobalt and nickel in storage batteries. G. W. Vinal, D. N. Craig, and C. L. Snyder. J. Research NBS <u>25</u> , 417 (1940).	RP1335	.05
138	Metallic roofing for low-cost house construction. L. J. Waldron (1940); Condensation, Am. Roofer <u>31</u> , No. 3, 10 (March 1941).	BMS49	.10
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