

内外雜誌主要題目

朝鮮鑛業會誌 第貳卷第拾壹號(十一月一日)

歐洲の石炭 (貳頁)

日本鑛業會誌 第四百十七號(十一月二十二日)

鍍熱の利用に就て 上山達三 (八頁)

工業雜誌 第六百六十五號(十二月五日)

瀛罐に使用せる材料の材質變化に就て

(二) 齋藤貞一 (四頁)

空氣及水が工業用材料に及す影響 (六頁)

電氣熔接法應用に就て 孕石元照 (七頁)

製鐵研究會記事 第五十三號(十一月二十五日)

鐵炭素合金に於ける黑鉛の

生成について 村上武次郎(二十二頁)

セップルに於ける製鐵業の

概要 野崎榮 (八頁)

硅石煉瓦の研究 (七頁)

鎔鑛爐滿俺鐵製造に就きて (十一頁)

壓延機とその電氣的施設 (十二頁)

鋼鐵の大なるフォージングの熱處理に於ける

溫度觀測につきて 海野三朗 (四頁)

コバルト鋼 (三頁)

ニッケル、クローム鋼 (二十頁)

クロミニウムヴァナヂウム鋼

高速度鋼 (八頁)

工業雜誌 第六百六十六號(十二月二十日)

内藤燃料研究所に於ける研究

内藤游 (六頁)

Foundry Trade Journal: Vol. 21, No. 213. (Sept.)

The Practical use of Denseners and permanent moulds.

By E. H. Broughall. 6. pp.

Foundry Equipment. By B. Shaw. 1. p.

Cost of Electric Pig-Iron and Steel-making Plant. 2. pp.

The Forming of Graphite in Iron-carbon alloys. 1. p.

The Coolidge X Ray Tube. 2. pp.

Bulletin of the American Institute of Mining and

Metallurgical Engineers: No. 153. (Sept.)

Melting point of Refractory Materials.

By L. I. Dana. 16. pp.

Pyrometer protection tubes.

By F. A. Harvey. 2. pp.

Recording Pyrometry.

By C. O. Fairchild, and P. D. Foote. 28. pp.

Recording Thermocouple Pyrometers.

By L. Behr. 6. pp.

High temperature control.

By C. O. Fairchild, and P. D. Foote. 15. pp.

Blast Furnace Refractories.

By R. M. Howe. 12 pp.

Pyrometer protection tubes. 5 pp.

By O. Hutchins.

Pyrometry in Blast-furnace Work. 15 pp.

By P. H. Royster, and T. L. Joseph.

High-temperature scale and its application in the Measurement of true, Brightness, and Colour temperatures. 6 pp.

By E. P. Hyde.

Recent Improvements in Pyrometry. 16 pp.

By R. P. Brown.

Titaniferous Iron sand of New Zealand. 11 pp.

By V. W. Wendell.

Aircraft Steels. By A. Sauvour. 16 pp.

Manufacture of Steel Rails. 8 pp.

By R. W. Hunt.

Cooling properties of Technical quenching Liquids. 21 pp.

By N. E. Pilling, and T. D. Lynch.

Effervescing Steel. 14 pp.

By H. D. Hibbard.

Forging Temperatures and Rate of Heating and Cooling of large ingots. By F. E. Bash. 12 pp.

Heat treatment of Cast Steel. By J. H. Hall, A. F. Nissen, and K. Taylor. 42 pp.

Mining and Metallurgy: No. 154. (Oct.)

Oxygen in Cast Iron and its application.

By W. L. Stork, discussed by R. Moldenke. 4 pp.

Differential crystallization in Cast steel runner. 2 pp.

By F. B. Foley, discussed by H. M. Howe.

Effect of Time and Low temperature on physical properties of medium-carbon Steel. 3 pp.

By M. A. Reinhardt, and H. L. Cutler, discussed by F. C. Langenberg.

Graphitization of White cast Iron upon Annealing. 5 pp.

By P. D. Merica, and L. J. Gurevich, discussed by H. A. Schwartz.

Magnesite: Its geology, products and their uses. 2 pp.

By C. D. Dolman; discussed by A. Malinovsky.

Analyst: Vol. 44, No. 522. (Sept.)

Estimation of Vanadium in Steel by Electrometric Titration. G. L. Kelley, J. A. Wiley, R. T. Bohn, and W. C. Wright. 1 p.

The Foundry Trade Journal: Vol. 21, No. 214. (Oct.)

Electric furnaces. By J. H. Stansbie. 6 pp.

Synthetic Cast Iron. By Ch. A. Keller. 3 pp.

Fuel economy in cupola practice. 2 pp.

By H. J. Yates.

Macrography of Steel. 2 pp.

Foundry comparisons.		By A. M. Candy.	3. pp.
By H. G. Barrett.	6. pp.	Special transformer delivers are valtoqe.	
Research work on malleable cast-iron.		By C. J. Holslag.	2. pp.
By E. Torceda.	6. pp.	Increasing primary cooler efficiency.	
The Foundry: Vol. 47, No. 333. (Oct. 15.)		By G. B. Cramp.	2. pp.
Melting methods and casts compared.	2. pp.	Heating furnaces and annealing furnaces.	
How loam moulds and Cores are dried.		By W. Trinks.	4. pp.
By E. Schwartz.	2. pp.	Protecting Mill cranes from overload.	
The Foundry: Vol. 47, No. 334. (Nov. 1.)		By A. G. Place.	2. pp.
Seek economy in repetition work.	6. pp.	A recuperative furnace for the forge shop.	1. p.
Slag conditions in the open hearth.	1. p.	Preventing overloads on steel mill motors.	
Foreign foundry practice analyzed.		By P. M. Lincoln.	2. pp.
By A. O. Backert.	2. pp.	Electric furnaces in the Steel industry.	2. pp.
How to care for foundry equipment.		Practical notes on physical tests of steel.	
By G. L. Grimes.	1. p.	By A. B. Wilson.	3. pp.
Copper diffuses through cast-iron.		Modern steel metallurgical calculations.	
By H. E. Diller.	2. pp.	By Ch. H. F. Bagley.	4. pp.
The Blast furnace and Steel plant: Vol. 7. No. 10.		Motors for rolling mill table drives.	
(Oct.)		By W. S. Hall.	3. pp.
The constant potential welding system.		Foreign Steel standards compared to ours.	
By A. Churchward.	2. pp.	By Maj. F. F. MacIntosh.	2. pp.
Arc welding equipment for Steel mills.		Weirton blows in new blast furnace.	7. pp.
By H. L. Unland.	2. pp.	Reducing loss in steel rail manufacture.	
Constant and variable voltage systems.		By R. W. Hunt.	2. pp.
By A. M. Bennett.	2. pp.	Condenser installations in steel mills.	
Direct and alternation current welding.		By F. A. Burg.	2. pp.

The Blast Furnace and Steel Plant: Vol. 7, No. 11.

(Nov.)

- Allis-Chalmers Heavy Forging Plant. 4. pp.
Heating Furnaces and Annealing Furnaces.
By W. Trinks. 5. pp.
Suggestions for Tar Extractor Improvement.
By G. B. Cramp. 3. pp.
Electrically driven Reversing Rolling Mills.
By W. Sykes. 4. pp.
Steel Furnace Temperature Measurements.
By G. K. Burgess. 2. pp.
Electric, Open Hearth and Bessemer Steel Temperature Measurements. By F. E. Bash. 4. pp.
Pyrometry in the Blast Furnace Plant.
By P. H. Royster, and T. L. Zoseph. 5. pp.
Forging Temperatures and Rate of Heating and Cooling of Large Inogts.
By F. E. Bash. 5. pp.
Power Piping Requirements in Modern Mills.
By J. Tanner, and G. J. Stuart. 3. pp.
Economic Operation of Mill Boilers.
By W. E. Snyder. 4. pp.

Iron and Coal Trades Review: Vol. 99, No. 2689.

(Sept. 12.)

- Steelworks in the Saar Valley and Lorraine. 3. pp.
Fatigue research in tin-plate manufacture. 1. p.

Iron and Coal Trades Review: Vol. 99, No. 2690.

(Sept. 19.)

- Fuel economy. 3. pp.
A report on "Fuel economy and consumptions in the manufacture of iron and steel. 5. pp.
Fuel economy in the German Iron and Steel industry on the left bank of the Rhine.
By C. Johns, and L. Farnis. 1. p.
Action of iron oxides on acid furnace structure.
By J. H. Whiteley, and A. F. Hallimond. 2. pp.
Synthetic cast-iron.
By Ch. A. Keller. 3. pp.
Fuel control in metallurgical furnaces.
By Sir R. Hadfield, and R. J. Sargant. 2. pp.
* Refractory materials used in coke-oven construction.
By W. C. Hancock. 3. pp.
Nickel-chrome forgings. 1. p.
Steel works in the occupied areas. 1½. pp.
Hydraulic v. Electric drive for steel works plant. 1. p.

Iron and Coal Trades Review: Vol. 99, No. 2691.

(Sept. 26.)

- Fuel economy (discussion by the Iron and Steel Institute). 3. pp.
The Action of iron oxides upon the acid furnace Structure. By J. H. Whiteley, 3. pp.

- and A. F. Hallimond. 1. p.
 Modern high speed steel. 1. p.
 Effect of fluorspar on phosphates in basic slag. 1. p.
 By F. Bainbridge. 1. p.
- Iron and Coal Trades Review : Vol. 99, No. 2692.**
 (Oct. 3.)
 New melting shop at the Lanarkshire steel works. 3. pp.
 Steel quality compared. 3. pp.
 By Major F. F. Macintosh. 1. p.
- Iron and Coal Trades Review : Vol. 99, No. 2695.**
 Cargo Fleet Iron Company's Extensions. 4. pp.
 Extensions to the Valley Works, Sheffield. 1. p.
- Iron and Coal Trades Review : Vol. 99, No. 2696.**
 (Oct. 31.)
 New American Blast Furnace Plant. 3. pp.
The Iron Trade Review : Vol. 65, No. 15. (Oct. 9.)
 Belgian plants in Hard struggle. 4. pp.
 By F. Miltonn. 4. pp.
 Powdered coal as fuel for annealing. 2. pp.
 Forming light-wall tubing. 4. pp.
 By H. J. French. 4. pp.
 Are welding makes good in the foundry. 1. p.
 By R. E. Kinkead. 1. p.
 Too much emphasis on sulphur in steel. 1. p.
 Discuss effects of sulphur in steel. 1. p.
- Malleable men discuss big problems. 1. p.
The Iron Trade Review : Vol. 65, No. 16. (Oct. 16.)
 Smelting iron in Sweden 200 years ago. 2. pp.
 By P. Bonde. 2. pp.
 Develops plant for heavy forgings. 2. pp.
 Refining basic electric steel. 3. pp.
 By W. H. Payne. 2. pp.
 Invent novel tin plate machine. 2. pp.
- The Iron Trade Review : Vol. 65, No. 17.** (Oct. 23)
 Analyzes German iron practice. 5. pp.
 Promoting safety in steel plant. 2. pp.
 By H. P. Heyne. 3. pp.
 Effect of heat on refractories. 1. p.
 By C. E. Nesbitt, and M. L. Bell. 2. pp.
 How to prevent blast furnace slips. 2. pp.
- The Iron Trade Review : Vol. 65, No. 18.** (Oct. 30.)
 Handling costs in a steel foundry. 2. pp.
 By C. E. Lynn. 3. pp.
 Testing steel by magnetic analysis. 2. pp.
 By R. L. Sanford. 2. pp.
 Making ingots for rolled wheels. 2. pp.
 By L. H. Fry. 2. pp.
 Applying X-ray to study of steel. 2. pp.
 By W. E. Ruder. 1. p.
 X-ray supplements magnetic testing. 1. p.
 By H. M. Howe. 1. p.

拜啓時下益々御清穆奉慶賀候陳者北海道製鐵株式會社技師工學士山縣文吉君前途有爲ノ材ヲ以テ去ル五月十日燔鑛爐爆發ノ爲不慮ノ難ニ遭ヒ遂ニ殉職致サレ候事詢ニ哀悼ノ至リニ存シ候就テハ此度故人生前ノ知己交友諸彦ノ御援助ヲ仰ギ左記ノ條項ニ據リ資金ヲ募集シ以テ故人ヲ記念致シ度存ジ候間何卒御賛成下サレ度ク希ヒ上ゲ候 敬具

條 項

- 一、寄附金ハ其ノ一部ヲ以テ故人ノ肖像三面ヲ製シ、山縣家、岩陽學會及ビ北海道製鐵株式會社ニ各々一面寄贈スルコト
- 一、前項ノ殘金ヲ東京帝國大學ニ寄附シ其利子ヲ以テ工學部冶金學科ニ於ケル獎學研究ノ費途ニ充ツルコト
- 一、寄附金募集期間ハ大正八年十二月末日迄延期ノコト
- 一、寄附金ハ東京帝國大學工學部冶金學教室内後藤久生宛(振替東京四七七〇番)ニテ拂込ノコト
- 一、寄附金領收證ハ後藤久生ヨリ各位へ發送スルノ外學士會月報日本鑛業會誌及ビ日本鐵鋼協會誌「鐵ト鋼」上ニテ報告スルコト
- 一、其他ハ全部實行委員ニ御一任ノコト

大正八年十二月

故工學士 山縣文吉君 殉職記念資金募集發起人

發 起 人

(五十音順) (〇印ハ實行委員)

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|--------|--------|---------|--------|--------|---------|--------|
| 栗屋 謙 | 青木 楠男 | 〇青山 秀三郎 | 磯村 豐太郎 | 井上 匡四郎 | 〇井上 克己 | 石塚 尙 |
| 飯野 寛一 | 江藤 捨三 | 大塚 武松 | 奥山 賢 | 〇乙葉 眞一 | 〇桂 辨三 | 〇栗栖 越夫 |
| 粟田 代作 | 栗山 安兵衛 | 菅口 富雄 | 後藤 佐彦 | 小坂 狷二 | 〇後藤 久生 | 佐藤 耕夫 |
| 新莊 吉生 | 杉本 正邦 | 杉山 泰次 | 杉森 政次 | 〇瀨川 秀雄 | 瀨尾 健二 | 田中 稻城 |
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釀出申込左ノ如シ

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| 金參拾圓 | 俵 國一君 | 金參圓 | 小澤 重明君 | 金貳圓 | 松村 金七君 | 金拾圓 | 河上 謹一君 |
| 金拾圓 | 中野 義雄君 | 金壹圓 | 三井 典一君 | 金五圓 | 竹内 兵吉君 | 金五圓 | 日高 政一君 |
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