LONDENSED LIST OF TECHNICAL Literature



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CONDENSED LIST OF TECHNICAL LITERATURE

ACETYLENE

BOOKLET NO. 1

Calcium Carbide and Acetylene

(For Industrial Executives and Engineers)

This is a non-technical book, written for the purpose of giving general information concerning the various phases of calcium carbide and acetylene. It is the fourth revision of the late George Gilbert Pond's book on the same subject. 130 pp. 6 x 9.

See also Booklet No. 6.

AUTOMOTIVE

BOOKLET NO. 2

The Inside Story of the Cooling System

(For the Automobile Service Station and Truck Owner)

This booklet deals with the proper maintenance of automotive cooling systems and therefore treats with a problem that faces all operators and owners of automotive vehicles. 24 pp. 6 x 9.

BOOKLET NO. 3

How to Bronze-Weld Cylinder Blocks

(For the Auto Repair Shop)

Complete directions for the bronze-welding of damaged cast iron automobile cylinder blocks, including information on welding in place, heat control, blowpipe technique, and finishing operations. 12 pp. 6 x 9.

BOOKLET NO. 4

No More Valve Grinding

(For Automotive Engineers and Executives)

Describes how the use of various types of exhaust valve seat inserts have reduced valve grinding and adjustments to a minimum in the latest type trucks and buses. 6 pp. $8\frac{1}{2} \times 11$.

BOOKLET NO. 5

Repairing for Profit

(For the Garage or Auto Repair Shop)

Gives specific instructions for nearly all automotive repair welding operations and includes suggestions for increasing the business of the automotive repair shop. 16 pp. 8½ x 11.

CARBIDE

BOOKLET NO. 6

Things You Should Know About Carbide

(For Users of Carbide Gas in Country Homes)

This booklet describes the manufacture of

calcium carbide, and discusses a number of subjects of great interest to users of Carbide Gas for lighting and cooking. Illustrated. 16 pp. 4 x 9.

See also Booklet No. 1.

CARBON ARC

BOOKLET NO. 7

Eveready Carbon Arc Industrial Units

(For Industrial Executives and Engineers)

Ultra-violet radiation in industry, including description and requirements of units. 6 pp. $8\frac{1}{2} \times 11$.

BOOKLET NO. 8

Ultra-Violet Radiation in Industry
(For Industrial Executives and Engineers)

A discussion of photo-chemical reactions and the equipment for producing them. 4 pp. $8\frac{1}{2} \times 11$.

BOOKLET NO. 9

Photography with the Carbon Arc
(For the Photographic Industry)

How to obtain best results with supersensitive film. 4 pp. 7 x 10.

BOOKLET NO. 10

National Projector Carbons

(For the Motion Picture Projectionist)

Discusses the manufacture of projector carbons, the carbon arc and the application

of projector carbons in various types of projection equipment. 92 pp. $4\frac{1}{4} \times 6\frac{3}{4}$. See also Booklets Nos. 24, 25, 26, 27, 43 and 61.

CARBON BRUSHES

BOOKLET NO. 11

Bulletin on Operation of Carbon Brushes

(For Electrical Engineers and Plant Executives)

Application of brushes to specific conditions of service and types of electrical machines are enumerated in detail. 20 pp. $8\frac{1}{2} \times 11$.

CHEMICALS

BOOKLET NO. 12

Emulsions

(For the Chemist or Chemical Engineer)

The use of Triethanolamine in the preparation of emulsions and their industrial applications are described in this book. Some of the specific emulsions and their uses are olive oil for wool lubrication, neatsfoot oil for leather emulsions, mineral oil for orchard sprays, pine oil for disinfectant emulsions, kerosene for sprays and perfume emulsions, carnauba wax for emulsion polishes, paraffin wax for sizing and waterproofing emulsions, petrolatum for pharmaceutical emulsions, stearic acid for cosmetic emulsions and linseed oil for emulsion paints. 48 pp.

BOOKLET NO. 13

Synthetic Organic Chemicals

(For the Executive, Chemist or Purchasing Agent)
A complete catalog describing each of the chemicals made by Carbide and Carbon Chemicals Corporation, giving the properties, specifications and uses of each. It is of interest primarily to chemists, chemical engineers and advanced students. 80 pp.

BOOKLET NO. 14

Hastelloy - The New Acid Resistant Alloy

(For the Chemical or Mechanical Engineer)

The physical and chemical properties of the acid-resistant alloys Hastelloy A, C and D are outlined in this folder. 4 pp. $8\frac{1}{2} \times 11$.

COOKING AND LIGHTING GASES

BOOKLET NO. 15

Cooking Made Easier

(For the Home beyond the Gas Mains)

This book describes Pyrofax Gas Service for homes located beyond the gas mains. Its purpose is to enable the Pyrofax user to obtain the greatest benefit from Pyrofax in cooking. Time tables for gas cooking are included. 32 pp. 6 x 83/4.

BOOKLET NO. 16

Colt Carbide Gas Guide

(For the Modern Farm Home)

Contained in this booklet is information and

data on the use of Carbide Gas for lighting, cooking and heating and directions for the installation and care of Carbide Gas equipment. Illustrated. 64 pp. 6 x 9.

See also Booklet No. 6.

HARD-FACING FOR WEAR RESISTANCE

BOOKLET NO. 17

Haynes Stelliting Plow Shares
(For the Welding Shop, Garage or Blacksmith)

This folder describes the procedure for Haynes Stelliting a plow share and how the use of a copper plate makes it possible in one operation to shape quickly and easily the nose of a share. 4 pp. 12 x 21.

BOOKLET NO. 18

Haynes Stellite Products in the Oil Fields

(For Petroleum Engineers and Executives and the Oil Field Welding Shop)

Describes how substantial savings are effected by the application of Haynes Stellite products to oil well drilling tools and the procedure for applying these materials to produce tools of maximum efficiency. 36 pp. 8½ x 11.

BOOKLET NO. 19

Haynes Stelliting Wearing Surfaces

(For Plant Executives and Welding Engineers)
This pamphlet describes the procedure for

Haynes Stelliting with the oxy-acetylene process and also lists a number of successful applications, with the recommended grade. 6 pp. $8\frac{1}{2} \times 11$.

BOOKLET NO. 20

How Hard-Facing Saves Money for Contractors

(For the Construction Industry)

Instructions for the application of Haynes Stellite products and descriptions of typical applications are included in this booklet. 16 pp. $8\frac{7}{2} \times 11$.

BOOKLET No. 21

Hard-Surfacing Valves

(For Power Plant Engineers and Executives)

Describes how considerable economies have been effected in high-temperature steam valve operation by applying Haynes Stellite to gates, seats, rings, disks, etc. 1 p. 8½ x 11.

BOOKLET NO. 22

Hard-Facing with Haynes Stellite Products

(For Industrial Executives, Engineers and the Welding Shop)

Fully illustrated and practical examples of hundreds of hard-facing applications in twelve major industries are completely covered in this book. Sections are devoted to a description of hard-facing materials and the procedure for their application to wearing surfaces by both the oxy-acetylene and electric arc processes. 96 pp. 8½ x 11.

BOOKLET NO. 23

Hard-Facing with Hascrome

(For Industrial Executives and Engineers)

Briefly describes the procedure for hardfacing with Hascrome by means of the oxy-acetylene and the electric arc processes. 1 p. $8\frac{1}{2} \times 11$.

See also Booklet No. 4.

LIGHT THERAPY

BOOKLET NO. 24

Radiation Characteristics Eveready Sunshine and Therapeutic Carbons

(For the Medical Profession)

This pamphlet shows, with the aid of diagrams and spectrograms, the kinds of radiation obtained from different light sources. 16 pp. 8½ x 11.

BOOKLET NO. 25

Eveready Professional Model Carbon Arc Lamp

(For the Medical Profession)

This bulletin describes the important features of this valuable addition to the physician's office equipment. 8 pp. $5\frac{1}{2} \times 8\frac{1}{2}$.

BOOKLET NO. 26

Eveready Carbon Arc Solarium Units

(For the Medical Profession)

The ideal source of artificial sunlight for group irradiation in hospitals and sanatoria is described along with data on the various types of units and carbons. 4 pp. $8\frac{1}{2} \times 11$.

BOOKLET NO. 27

Typical Medical Uses of the Carbon Arc

(For the Medical Profession)

This booklet presents information to enable the physician to administer intelligently light treatment. It provides a reference which the physician can consult as an aid in forming his decision about dosage. 24 pp. $3\frac{1}{4} \times 6\frac{1}{4}$.

LUBRICANTS

BOOKLET NO. 28

Gredag Lubrication

(For Engineers and Industrial Executives)

Discusses the basic principles of lubrication and describes the composition of Gredag and the various grades of this graphite lubricant which are available, 8 pp. 8½ x 11.

BOOKLET NO. 29

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door use, including automotive, bearing, cable and chain, gear and plunger lubricants are suggested. 6 pp. $8\frac{1}{2} \times 11$.

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MAGAZINES

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Oxy-Acetylene Tips

(For Industrial Executives and Engineers)

A monthly magazine which covers the latest methods of oxy-acetylene welding and cutting as applied to various industries. Should be followed by novice and veteran for valuable ideas and preserved carefully for reference. 9 x 12.

METALLURGICAL

BOOKLET NO. 33

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BOOKLET NO. 37

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A bulletin outlining the properties and applications of certain steels containing chromium, manganese and silicon. 12 pp. $8\frac{1}{2} \times 11$.

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A convenient chart showing the more commonly used metals and how to identify them. 1 p. 17 x 22.

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Use and advantages of briquetted alloys employed in the manufacture of cast iron. 4 pp. $8\frac{1}{2} \times 11$.

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BOOKLET NO. 42

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(For the Metallurgist)

A discussion of the various ferro-alloys and alloying metals and their effect on the properties of steel. 12 pp. 4 x 7.

See also Booklets Nos. 14 and 59.

MILK IRRADIATION

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The Irradiation of Milk

(For the Medical Profession)

The application of the Carbon Arc to the production of Irradiated Vitamin "D" Milk, and a general discussion of the process and product. 4 pp. $8\frac{1}{2} \times 11$.

OXYGEN THERAPY

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pany — Traces the early development of Oxygen Therapy, development of apparatus; excerpts from medical papers; illustrations and complete bibliography. 32 pp. 6 x 9.

BOOKLET NO. 45

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By J. I. Banash and G. O. Carter, Consulting Engineers — Reprinted from Anes. & Anal., March-April, 1933. 8 pp. 6 x 9.

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By Walter M. Boothby, M.D.—reprinted from the Journal of the American Medical Association, December 10, 1932, Vol. 99, pp. 2026-2033 and December 17, 1932, Vol. 99, pp. 2106-2112. 38 pp. 5½ x 8½.

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