

## Despatch LAB OVENS put to production use

TELEX, INC., St. Paul, is doing a lot of encapsulation work these days—and Despatch Laboratory Ovens have become an important production tool. In the manufacture of many items, the components and finished assemblies must undergo extreme tests for temperature and humidity. So, to absorb the shock, components are pre-encapsulated in foam plastic then air dried and heat cured at close temperature tolerance to meet rigid specifications.

Telex particularly likes the Despatch "Whirl-blast" forced air convection system, so essential in this operation. And the ability of the ovens to maintain an exact temperature is an "absolute" in the Telex quality control system. For information on how Despatch Laboratory ovens can work into your production setup, write for Bulletin No. 100.

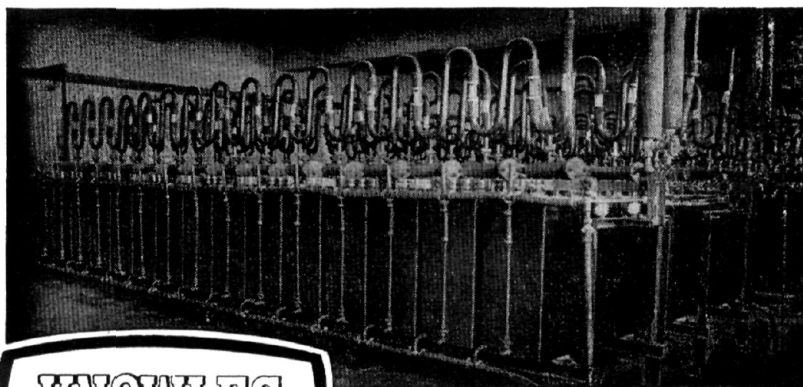
Manufacturers of ovens for DEHYDRATING . . . CURING . . . PAINT FINISHING . . . ALL INDUSTRIAL AND LABORATORY APPLICATIONS.



**DESPATCH OVEN COMPANY**  
379 Despatch Bldg. • Minneapolis 14, Minn.

For further information, circle number 124 A-1 on Readers' Service Card, page 117 A

## The Atomic Energy Authority and . . .



**KNOWLES**

### Electrolytic Plant

The illustration shows one of our electrolytic plants consisting of 96 No. 5 KNOWLES Cells, operating at 220 volts, 2,000 amperes, D.C. and producing 3,090 cubic feet of hydrogen and 1,545 cubic feet of oxygen per hour, installed in one of the factories of the United Kingdom Atomic Energy Authority.

The duties required of the plant were the production of high purity gases, continuous operation with freedom from stoppages, and a low cost of maintenance.

All these conditions were fulfilled by the KNOWLES Cells, which were of our normal standard production and in no way particular to this installation.

The supply of distilled water to the cells is maintained automatically and provision is made for the heating or cooling of the cells, according to whether they are operating at low or over loads.

Plants are made in all capacities to suit the requirements of the Customer, and produce 8 to 170,000 or more cubic feet of hydrogen per hour.

Further particulars will gladly be sent upon application.



THE INTERNATIONAL ELECTROLYTIC PLANT CO. LTD. SANDYCROFT CHESTER ENGLAND

For further information, circle number 124 A-2 on Readers' Service Card, page 117 A

## MANUFACTURERS' LITERATURE

Bibliography of literature and patent references is included. (F-4764) Dept. IEC, Carbide & Carbon Chemicals Co., 30 East 42nd St., New York 17, N. Y. **33**

**Equipment.** A 12-page brochure describing such unit operations as evaporation, crystallization, filtration, pulp washing, and spray drying. The brochure describes actual installations of equipment supplied to manufacturers of foods, chemicals, paper, fertilizers, and other products. Dept. IEC, Swenson Evaporator Co., Harvey, Ill. **34**

**Forged Steel Fittings.** A well-illustrated 28-page catalog on forged steel fittings is now available from the manufacturer. The catalog features a reorganization of data into simplified charts, permitting easier location of fittings information. Also included is helpful information on materials selection, pressure ratings, pipe thread and socket welding specifications. (Bull. A-3-56) Dept. IEC, W-S Fittings Division, H. K. Porter Co., Inc., P. O. Box 95, Roselle, N. J. **35**

**Glass Filament Yarn.** This is a new, 8-page brochure containing facts about glass textile yarns. Offering a description of the product and some end uses, the literature includes other information of interest to continuous glass filament yarn users. A yarn comparison table listing glass fiber continuous filament yarn data and equivalent yarn counts of cotton, worsted, and rayon is also included. (Form TYN-7) Dept. IEC, L. O. F. Glass Fibers Co., 1810 Madison Ave., Toledo 1, Ohio. **36**

**Grinding Rods.** The ceramic, chemical, and pharmaceutical industries should find information of interest in a bulletin describing developments in grinding media. Featured is a synthetic sapphire substance of exceptional hardness, making it suitable for work where high purity is essential. Dept. IEC, O. Hommel Co., 209 4th Ave., Pittsburgh, Pa. **37**

**Heat Exchangers.** A new booklet titled "Acid Resistant Heat Exchangers" is being offered. The booklet gives important data on types of corrosion resistant materials available. The booklet is illustrated with sectional views of heat exchangers and gives performance data charts. (Bull. SW-200) Dept. IEC, Swenson Evaporator Co., Harvey, Ill. **38**

**Hydrogen Peroxide.** Detailed information on new equipment and simplified handling methods for storing bulk quantities of hydrogen peroxide is available in new manufacturer's booklet. Entitled "Bulk Storage of Hydrogen Peroxide," the booklet includes data on construction and size of storage and measuring tanks,