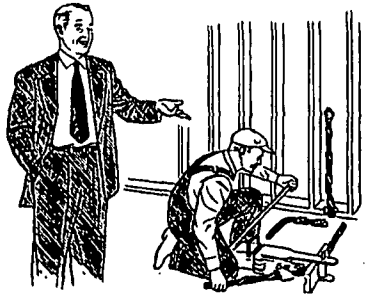
The LONGER LIFE of WROUGHT IRON PIPE proves...



It costs less to do it right



—than to do it over!

When you specify pipe there are two things well worth remembering—

1. When you install it, you pay only the pipe fitter,

but

2. Every time you repair it, you pay pipe fitter, carpenter, mason, plasterer, and painter.

This dollars-and-cents difference underscores the fallacy that low-first-cost materials are the answer to piping economy. And these same facts provide a yardstick that places the economy emphasis where it rightly belongs . . . on PIPE SERVICE LIFE. The longer service life of wrought iron pipe has proved to thousands of users that it costs less to do it right than to do it over. In installation after installation, wrought iron pipe has doubled, tripled, and even quadrupled the useful life previously obtained from low-first-cost piping. These users have discovered that although you pay a little more for wrought iron, you pay a LOT LESS FOR MAINTENANCE. Wrought iron gives you piping economy because it lasts longer, at lower cost per year.

We'll welcome the opportunity to discuss your particular corrosion problems, and to show you wrought iron durability records in services similar to those in which you are interested. Write or call. Your request will be handled promptly.

A. M. Byers Company, Pittsburgh, Pa. Established 1864. Boston, New York, Philadelphia, Washington, Atlanta, Chicago, St. Louis, Houston, San Francisco. Export Department: New York, N. Y.



Why Genuine Wrought Iron Lasts

This notch-fracture test specimen illustrates the unique fibrous structure of wrought iron—which is responsible for the high corrosion resistance of the material. Tiny threads of glasslike silicate slag, distributed through the body of high-purity iron, halt and disperse corrosive attack, and discourage pitting and penetration. They also anchor the initial protective scale, which shields the underlying metal.

BYERS

CORROSION COSTS YOU MORE THAN WROUGHT IRON

WROUGHT IRON

TUBULAR AND HOT ROLLED PRODUCTS

ELECTRIC FURNACE QUALITY ALLOY AND STAINLESS STEEL PRODUCTS

a ***Power*** *handbook*

FUEL Handling and Storage

by J C McCabe, Associate Editor

We've come a long way since fuel handling meant a man with a strong back, a big shovel and a rusty wheelbarrow. Faced with steadily rising costs, we have learned the value of mechanizing to eliminate labor, to use men's brains instead of their brawn.

As a result, we now have an imposing array of devices to move fuels faster, cheaper, more automatically. And we have the know-how to make handling and storing not only less expensive but also cleaner and safer. The trick is to apply the equipment and know-how — in your plant and all plants — to get the best over-all results for the given conditions.

To aid you in this dollar-saving job, we present this latest in a long line of POWER handbooks. In its pages you'll find a broad picture of the storage and handling function, a roundup of modern machines for the work, and the basic information you need to fit them into the combination that will solve your plant's particular problem — whether your fuel is coal, oil or gas.

In preparing this handbook, we've drawn freely on the literature of handling-equipment manufacturers and on the writings and suggestions of specialist engineers. We warmly acknowledge the helpful cooperation that everyone has given us.

December 1953