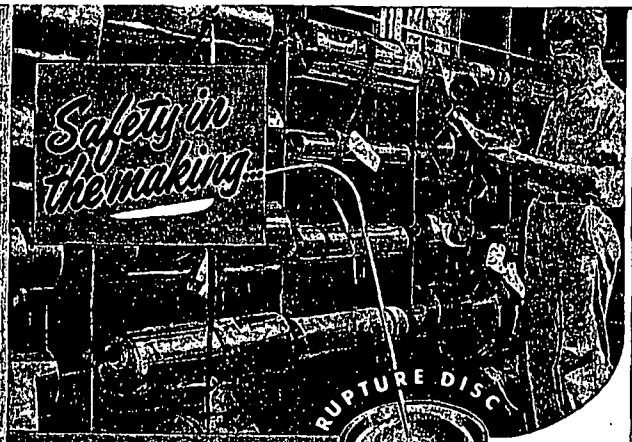
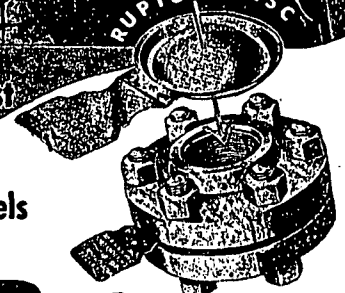

Safety in the making...



Protect Against Overpressure from within Pressure Vessels with

BS&B Safety Heads

We make the rupture discs for BS&B Safety Heads out of these rolls of thin ductile metal. These rolls are only a few examples of our supply.

You see, rupture discs—which insure protection against overpressure for hundreds of types of pressure vessels in the petroleum, *chemical processing and power industries*—must be accurate within 5% of their various rated pressures of 5 to 40,000 pounds. Out of every lot we make, 1 disc out of every 6, selected at random, is tested to de*struction to insure this accuracy.*

It has taken years of research to know exactly what metals do each job best—for the pressures in*volved, for the liquids or gases* involved depending on their corrosive or bland nature.

All this research has made BS&B *Safety Heads* and their rupture discs the world's accepted standard for secondary (and often primary) protection against pressures. That's why they're code-accepted—and guaranteed.

Get all the facts: No matter what your pressure applications are, there's a Safety Head for you. Write for complete BS&B Safety Head Catalog . . . or ask your BS&B Man. There's no obligation for a complete analysis of your pressure safety requirements.

SAFETY BS&B HEADS

BLACK, SIVALLS & BRYSON, INC.
Safety Head Division, Dept. 2-Q5
7500 East 12th Street Kansas City 26, Missouri



My Biggest Boner

► OUR PLANT has a large exhaust system for *removing* chips and sawdust from wood-working machinery. Shavings from each machine are sucked into a duct and discharged into fireproof boxes kept in the shipping room. Chips, shavings and sawdust are eventually used for packing our manufactured products.

One day recently a soldered seam in a duct split. Sawdust and shavings leaked out and blew all over the floor. Our maintenance man shut off the main exhaust fan so we could make repairs.

He grabbed a gasoline blowtorch and a bar of solder before climbing a ladder to reach the duct. He worked no more than five minutes before sirens began to sound in the street outside our plant. In another minute the street was full of fire engines.

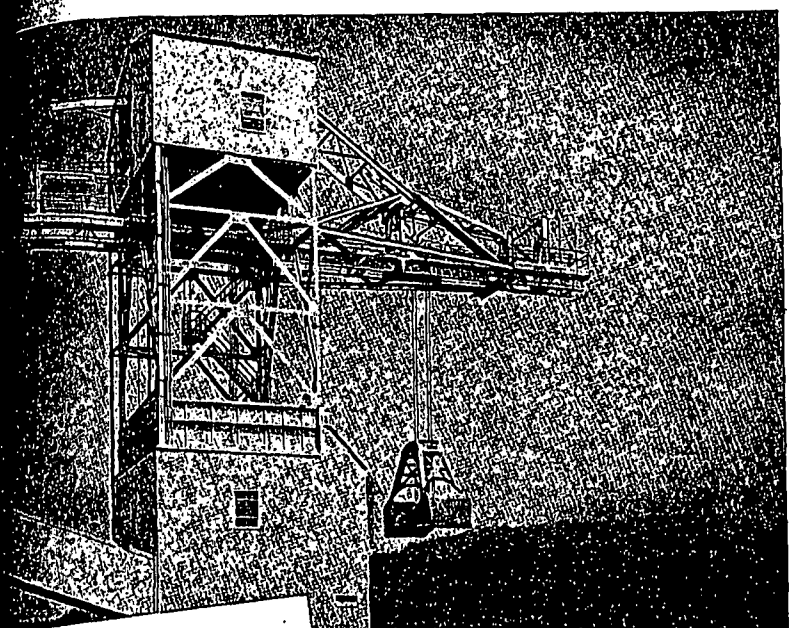
Shavings in duct had been ignited by heat from the torch. Flames shot through duct to every production area in plant and to the shipping room. Luckily, duct confined the flames and firemen were able to put them out in a few minutes.

But I know it's the last time he or anyone else in our shop will bring an open flame near sawdust, shavings or wood chips. You're asking for trouble every time you do.

FRED LETTINO *Astoria, N.Y.*

● What is your "biggest boner"? We pay ten dollars for each one we publish.

Sydney—(*McGraw-Hill World News*) South Australia hopes to have a 100,000-400,000 kw atomic power house operating by 1958, according to a recent statement by the State Director of Mines, S. B. Dinson. "South Australia has very low reserves and is possibly the one area in British Commonwealth where atomic energy would be economical today," said Dinson. Extraction of uranium from the ... will likely be carried out at Port Pirie.



DRAVO
DESIGNERS and BUILDERS
BRIDGES AND UNLOADERS • TOWER-TYPE UNLOADERS
WHIRLER CRANES • FLOATING CRANES
DRAVO RAIL CLAMPS • BARGE SHIFTERS
MODERNIZED TROLLEYS FOR EXISTING BRIDGES

This new rope-operated coal unloader was designed, built and installed by Dravo for a large power generating plant on the Monongahela River.

The unloader is equipped with a seven-and-one-half-ton bucket and has a free-digging capacity of 800 tons per hour for unloading coal from river barges.

Many power companies and industrial plants have called on Dravo Corporation *for similar installations. Why not make* use of Dravo's more than 60 years of practical experience when planning a material-handling project?

DRAVO
CORPORATION
NEVILLE ISLAND, PITTSBURGH 25, PENNSYLVANIA

AIR CONDITIONING • BOILER AND POWER PLANTS • CRANE CAB COOLERS • DOCKS • INDUSTRIAL FOUNDATIONS • OPEN STEEL FLOORING
PUMP HOUSES AND INTAKES • SPACE HEATERS • WATER AND WASTE TREATMENT PLANTS • TOWBOATS AND BARGES