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*As the world sees*

# ALLEGHENY METAL

*the "time-tested" stainless steel of universal application*

AFTER YEARS OF ACCOMPLISHMENT



**Allegheny  
METAL**

CONTROLS CORROSION

TRADE MARK

THE SAFE METAL

**ALLEGHENY STEEL COMPANY... BRACKENRIDGE, PENNA.**

# ALLEGHENY METAL

Chrome 18%—Nickel 8%

Manufactured pursuant to license from the  
Chemical Foundation, Inc., under basic  
patents No. 1316817 and 1339378.

UNAFFECTED by most of the strongest chemical acids . . . immune to the corrosive action of the elements, salt air or fresh . . . un-attacked by food or fruit acids . . . combining the smooth, non-porous surface of glass; the beauty of new minted silver; the malleability and machineability of soft steel; the strength of super-steel . . . ALLEGHENY METAL has truly become the time-tested stainless steel of universal application, favored alike by industry, the arts and the sciences.

The first Chrome Iron, flying the banner of the pioneer stainless metal, was placed on the market by Allegheny Steel Company in 1923, after years of intensive research and experiment. The 18-8 composition that bears the now-famous name of ALLEGHENY METAL, was introduced in 1926. The years of satisfactory service and rapidly-mounting favor that followed can well be regarded as an epic of our day.

Dedicated alike to the service of beauty, utility, strength and permanence . . . able to be drawn, stamped, spun, cast, machined or welded . . . ALLEGHENY METAL now plays an important part in the lives of all of us. A

goodly portion of the milk we drink, the food we eat, the cloth we wear, the gasoline and oil that run our cars, has been handled and processed in ALLEGHENY METAL equipment.

We see its bright, familiar gleam on every hand . . . in our own kitchens . . . in the modern hotel and restaurant . . . in the modern bar . . . in our hospitals and clinics . . . in the appointments of our newest and finest buildings, railroad trains, ocean liners, airplanes and automobiles. It plays an equally important part behind the scenes . . . in the great dairy industry . . . in the vast food-processing and packing industry . . . in chemical plants, refineries and other process industries of every description.

The following pages picture a few of the myriad instances where the permanently unstaining, unrusting and untarnishing qualities of ALLEGHENY METAL have replaced baser steels or supplanted more expensive metals. Much credit is due the thousands of equipment fabricators who have contributed valuable experience to the ceaseless efforts of our own Research and Experimental Laboratories. The names of fabricators who manufacture ALLEGHENY METAL equipment efficiently and inexpensively will be gladly sent on request.







Institution Kitchen Equipment



Thermotainer Equipment



Hotel Kitchen Equipment



Club Kitchen Equipment



Refrigerators



Coffee Urns and Cup Stands, etc.



Toasters and Waffle Molds



Cafeteria Equipment



Industrial Kitchen Equipment



Ship's Galley Equipment



## HOTELS AND RESTAURANTS

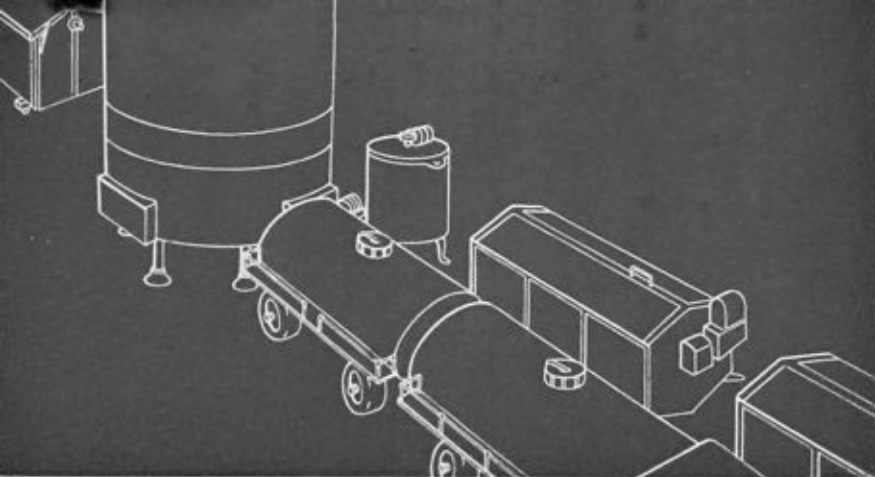
The advancement of food handling and serving methods has been a special province of ALLEGHENY METAL from the day of its inception. Erecting an impregnable barrier against the corrosive effect of food and fruit acids, and the deteriorating influence of heat . . . providing a satin-smooth, glass-hard surface of permanent natural beauty, easy to clean and keep clean ALLEGHENY METAL today is universally favored by fabricators of the kitchen, counter and dining-room equipment used in our leading hotels, restaurants, clubs and institutions.



Soda Fountain Equipment



Hotel and Restaurant Bar Equipment



# MILK AND MILK PRODUCTS

ALLEGHENY METAL, the pioneer stainless steel, was naturally fitted to assume a leading role in the processing, transportation and storage of milk and milk products of every description. Immune to corrosion from milk products, brines, chemical sterilizers, etc. . . permanently beautiful . . . creating new highs in sanitation efficiency . . . able to be fabricated and shaped into any type of equipment . . . ALLEGHENY METAL has proved itself outstandingly suited to the particular needs of the dairy industry over years of satisfactory and ever-increasing service.



Bottling Equipment



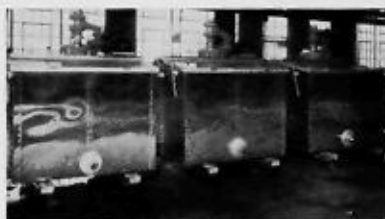
Tanks, Coolers and Pasteurizers



Pasteurizing Equipment



Milk Cooler—Seamless Tubing



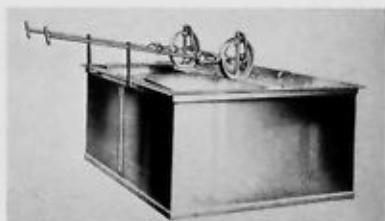
Vertical Coil Pasteurizer



Holding Tanks



Six Thousand Gallon Holding Tank



Weigh Can



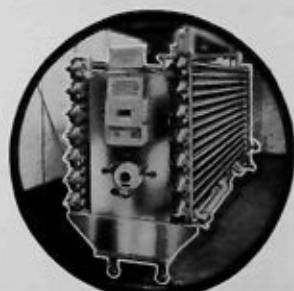
Horizontal Pasteurizer



Milk Tank Cars



Milk Truck Tanks and Trailers



Milk Heater



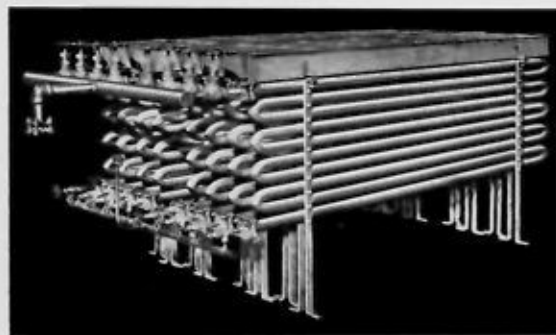
Mayonnaise Mixers



Kettle and Agitator



Tomato Cooker Coils



Atmospheric Water Cooler



## FOOD PREPARATION

The distinctive qualities that have won such widespread preference for ALLEGHENY METAL in dining-rooms and kitchens, have operated to create a vitally important place for it in the food preparation industry. Such applications do not often meet the public eye, but in thousands of processing plants everywhere—packing plants, canneries, bottling plants, bakeries, etc.,—machinery and equipment fabricated from this time-tested stainless steel guards the delicate flavor and taste of our food, and aids immeasurably in the maintenance of proper sanitary conditions.



Can Filling Machine



Dough Mixer



Bottle Filler



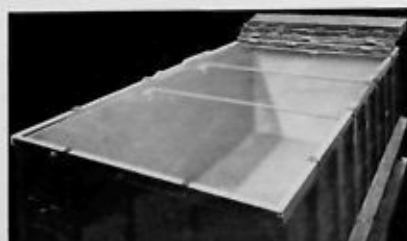
Catsup Storage Tank



Vacuum Pan



Cottage Cheese Package Filling Machine



Truck for Transporting Packing House Products

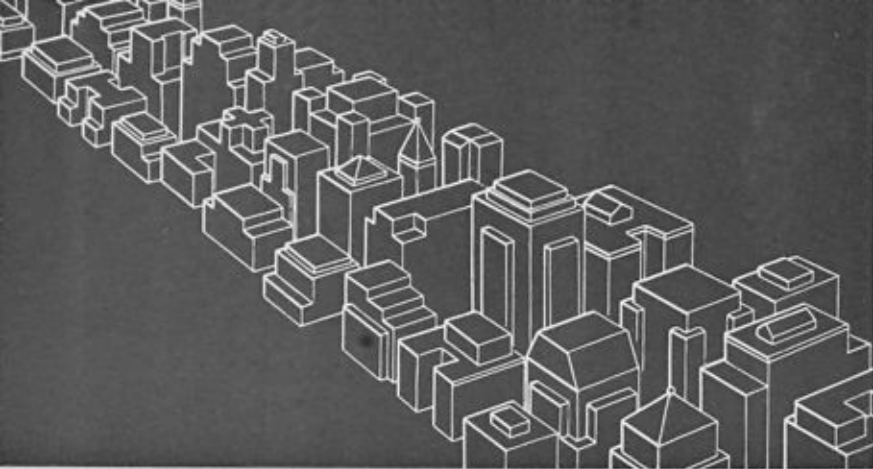


Fruit Juice Filler



Bakery Equipment





Restaurant and Store Front Decoration



Building Trim



Radiator Grille



Safe Deposit Vaults



Ornamental Grille

In the eye of the architect, as well as the artist, beauty is its own excuse. On that score alone, ALLEGHENY METAL would find favor in modern building construction. But when beauty is combined with great strength and permanent resistance to the corrosion of the elements . . . when it lends itself so perfectly to fine etched and lacquered or repousse effects, as in the case of ALLEGHENY METAL—small wonder that architects everywhere use this superb steel for exterior and interior decoration in our newest and finest buildings.



Allegheny Metal Bridge, Chicago, Ill.—erected in 1928. The first outdoor application of Allegheny Metal.



Walls and Wainscot



Decorative Trim



Repousse Entrance Door



Metal Lobby



Elevator Cabs



Elevator Doors



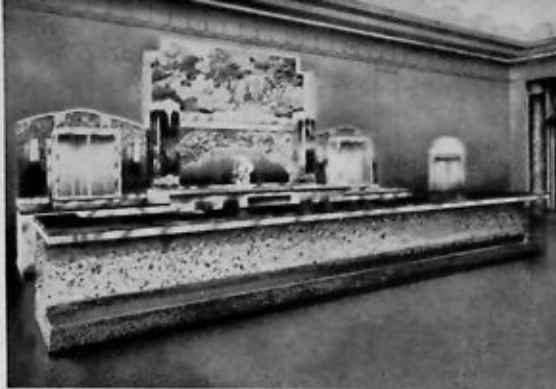
Empire State Building, New York  
Allegheny Metal window trim, finials, etc.



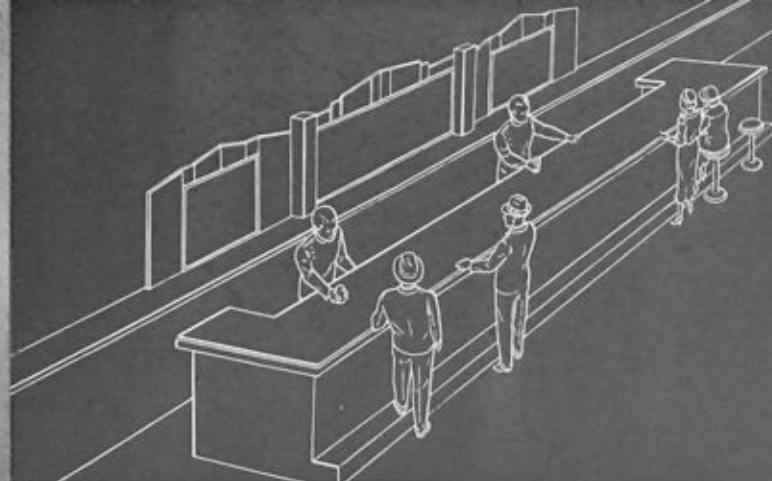
Etched Doors



Kick-plates and Door-trim



Front and Back Bar Decorative Trim



## TAPROOMS AND SODA FOUNTAINS

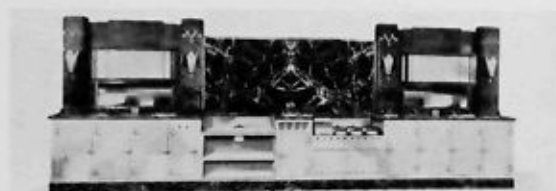
For years, ALLEGHENY METAL has enjoyed the favor of leading soda-dispensing equipment fabricators, and lent its shining, impervious beauty to their art. And so, with the return of the flowing bowl and the golden days of wassail, ALLEGHENY METAL became the logical choice for the bar equipment, fittings and decoration of the modern taproom. Unstained and unattacked by malt brews, wines or spirits . . . requiring little effort to keep it clean and odorless . . . the lustrous sheen of ALLEGHENY METAL expresses today's taproom at its best.



Back Bar Decoration and Substructures



Back Bar Refrigerated Section



Complete Back Bar Cabinet Assembly



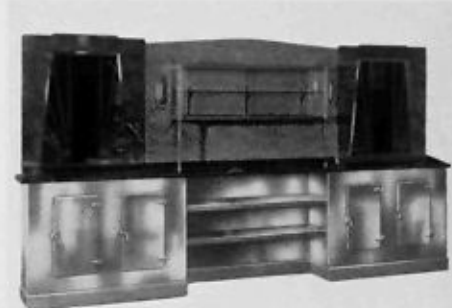
Steam Table and Service Stand



Beer Dispenser



Back Bar Storage Cabinet



Back Bar Substructure



All Allegheny Metal Beer Dispenser



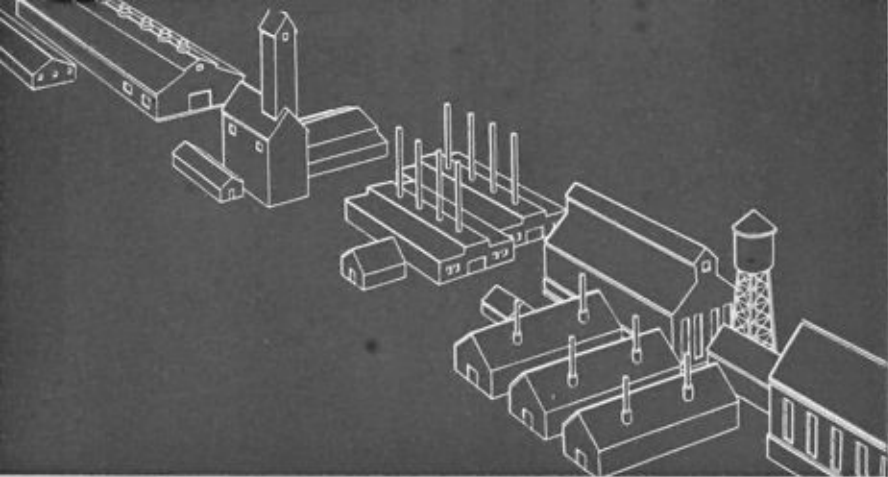
Washing Sink



Front Bar Soda Dispenser



Back Bar Soda Dispenser



# CHEMICAL PROCESSING

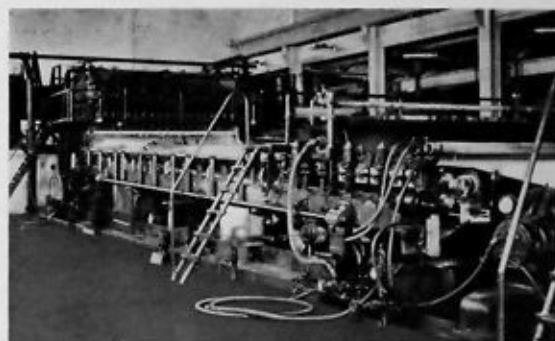
Unaffected by most industrial chemicals, even under heat and high pressure . . . able to be welded, rivetted, cast, forged, or made into seamless tubing . . . consequently available in every shape or form demanded by the requirements of the process . . . ALLEGHENY METAL expresses the best modern practice in the fabrication of equipment for the myriad industrial processes where corrosive materials are made or encountered. The leading fabricators of equipment for our refineries, chemical plants, paper and textile mills, distilleries, etc., recommend and use this peerless corrosion-proof steel.



Quadruple-Effect Evaporators



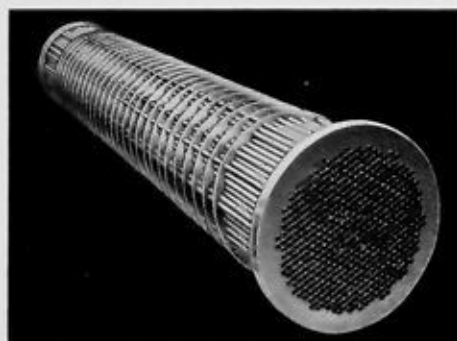
Champagne Processing Tanks



Modern Paper Machine



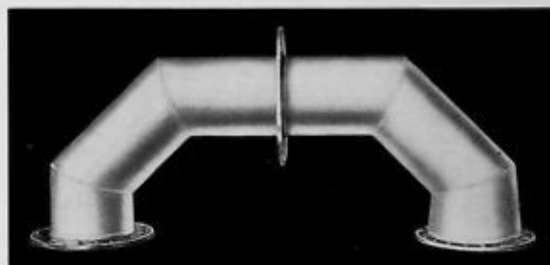
Gasoline Storage Tanks



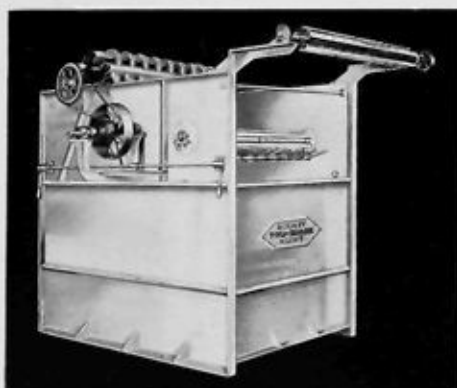
Heat Exchangers



Condensers—Refinery, etc.



Fatty Acid Still Piping



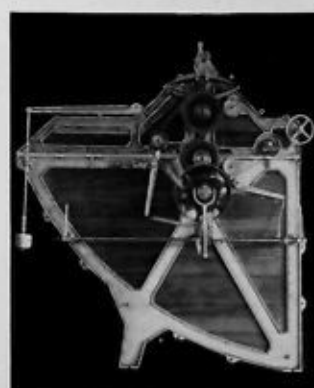
Dyeing Machines



5' Dia. Food Drier



Vacuum Stills



Fulling Machines





Hospital Kitchen Equipment



Diet Kitchen Trunnion Kettles and Stand



Operating Table and Operating-Room Wall Cabinets



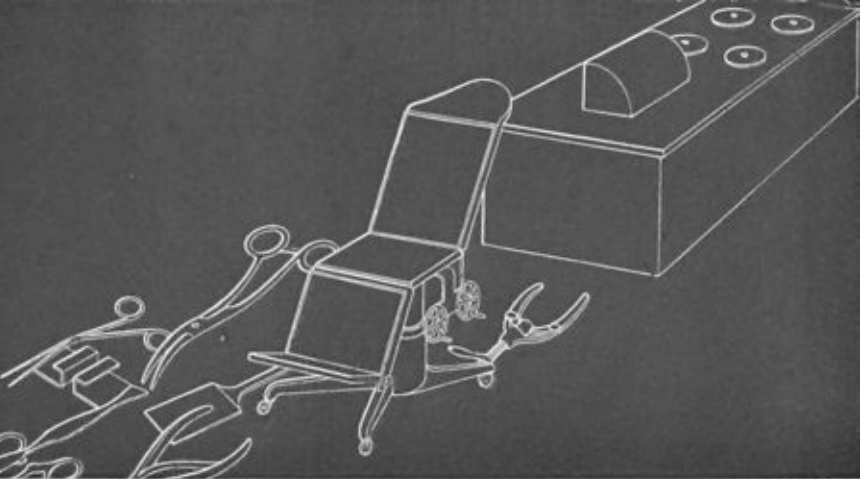
Maternity Ward Delivery Bed



Maternity Ward Dressing Table



Irrigators



## HOSPITALS AND CLINICS

The precise efficiency of the modern hospital and clinic . . . the ceaseless striving toward the goal of perfect sanitation that one encounters there, have drawn heavily on the superior assistance of polished, corrosion-resisting ALLEGHENY METAL. From operating and delivery rooms to kitchen and laundry . . . from tiny hypodermic needles to intricate operating tables and delivery beds . . . from small kitchen utensils to massive laundry machines . . . hospital and clinical equipment of every sort is fabricated from shining ALLEGHENY METAL—permanently lustrous—so easy to keep scrupulously clean.



Solution Vessels



Hospital Utensils



Dental Chairs



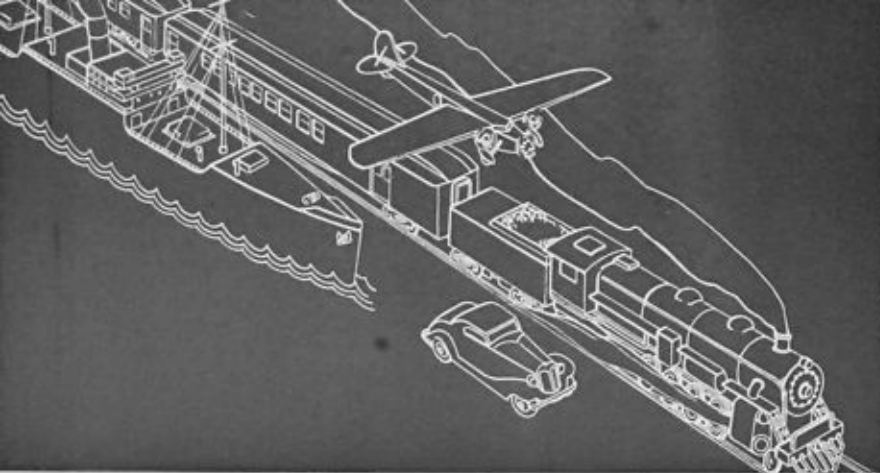
Tray Conveyor



Hospital Laundry Equipment



Electrically-heated Food Conveyor



## MODERN TRANSPORTATION

Appearance and performance—the twin gods of transportation—are aptly served by the gleaming natural beauty and durable strength of ALLEGHENY METAL. On the highways, on the rails, on the sea and in the air, the builders of our modern speed vehicles successfully combat deterioration due to the relentless corrosive effect of the elements . . . insure the permanent luster of exposed bright-work and the safe, sure strength of important structural members by fabricating them from ALLEGHENY METAL, the time-tested stainless steel.



Automobile Head Lights



Hub Caps



Automobile Wheels



Tire Covers



Kitchen and Bakery Equipment on the Modern Liner



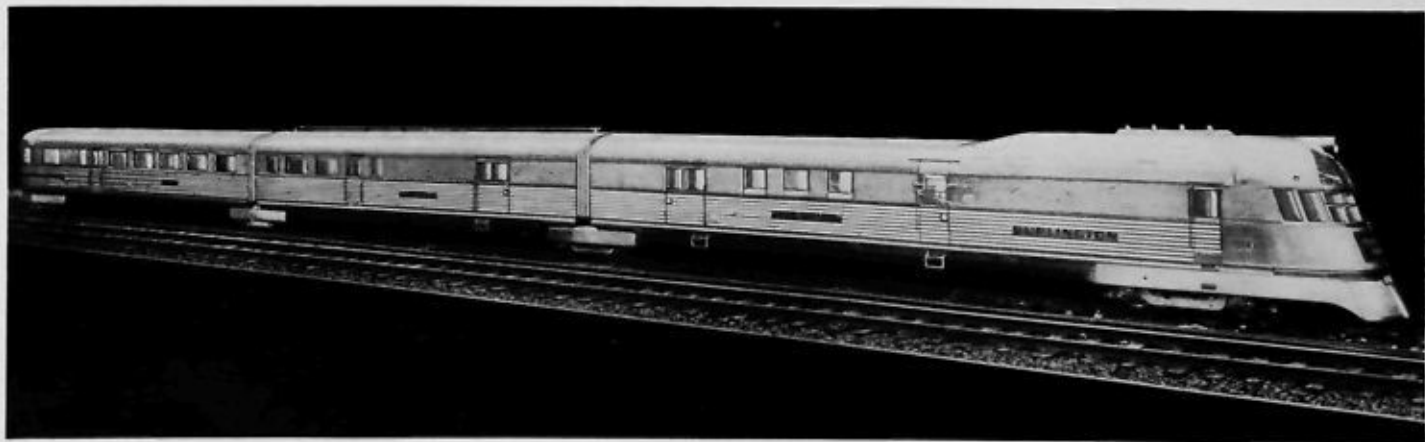
Airplane Cockpit Control Panel



Airplane Wing, Fuselage and Pontoon Construction



Dining-Car Kitchen Equipment



Exterior Finish and Structural Members of the Burlington Zephyr—Modern Rail Speedster



Kitchen Sink and Working Surfaces

# ALLEGHENY METAL



THE METAL OF UNLIMITED POSSIBILITIES

USES THROUGHOUT INDUSTRY

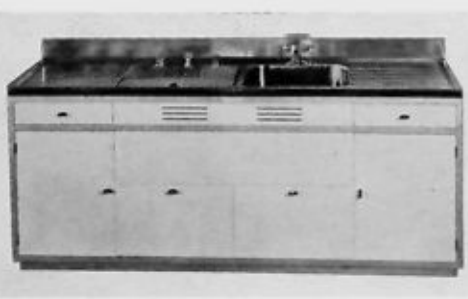


General Electric Modern Kitchen

The foregoing pages can serve only to suggest, not to enumerate ALLEGHENY METAL'S vast field of usefulness. The widespread applications of this peerless stainless steel encompass every branch of industry. High-tensile, yet free-working ... available in every shape and form from infinitesimal tubing and tiny machine parts to huge tanks and weighty castings ... wherever industry requires a strong, corrosion-proof, permanently bright steel to perform a service better or cheaper, the need is satisfied by ALLEGHENY METAL,—the metal of universal application.



Barber Shop Equipment



Sink, Drainboard and other bright parts of General Electric Walker Dishwasher



Kettles, Pots, Pans, etc.



Bolts, Nuts, Rivets



Metal Furniture



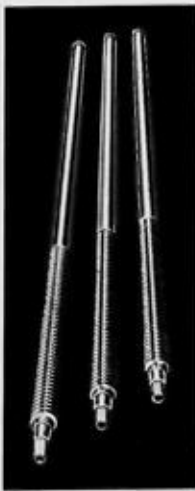
Miscellaneous Castings



The Evaporators in General Electric Refrigerators



Wire, Tubes, and Machine Parts of all kinds



Free Machining Valve Rods



Electrical Control Panels



Motion Picture Developing Tanks



# ALLEGHENY METAL

## *In Your Everyday Life*



### **\*YOUR STAPLE FOODS**

Your staple food products—such as breakfast foods, canned soups, mayonnaise, baked beans, frozen fish, fruits and hosts of others come to you free from metallic contamination by the use of Allegheny Metal equipment.



### **\*YOUR DAIRY PRODUCTS**

A good portion of the milk consumed in the entire country is transported, pasteurized and processed in Allegheny Metal tank cars, truck tanks, weigh tanks, pasteurizers, coolers, storage tanks, bottle fillers, etc.



### **\*YOUR DAILY PAPER**

Very likely your daily paper could tell you how it was protected from discoloration and made less expensive through the corrosion control afforded by Allegheny Metal piping, valves, pumps, coolers, etc. in the large paper pulp mills.



### **\*YOUR LAUNDRY**

Many of the up-to-date laundries deliver your laundry fresh and entirely free from any metal stain through the use of laundry machines and equipment made from Allegheny Metal,—the glossy smooth alloy that is extremely resistant to denting and scratching.



### **\*YOUR HOSPITAL**

Practically all of the modern hospitals in this country are using Allegheny Metal day in and day out in the form of kitchen equipment, cooking utensils, sterilizing boxes, instrument trays, operating tables, bed pans, hypodermic needles and the like.



### **\*YOUR GASOLINE**

Modern refining methods demand materials of construction that not only withstand tremendous pressures at high temperatures, but also resist the attack of highly corrosive sulphurous fumes and acids,—why Allegheny Metal is used so successfully in producing gasoline to-day.



### **\*YOUR TABLE WARE**

Did you know that in addition to domestic and institutional cooking utensils, Allegheny Metal teaspoons, butter-spreaders, serving trays, cocktail shakers, tablespoons, meat platters, vegetable dishes, etc. are also available at your hardware or department store?



### **\*YOUR AUTOMOBILE**

Allegheny Metal is used for radiators, headlamps, running board strips, gasoline tank caps, windshield wiper blades, tire covers, bumpers and other bright parts, requiring no more care to maintain their appearance than the plate glass in the windshield.



### **\*YOUR BARBER SHOP**

Assuming that you patronize the better barber shops,—you probably have noticed the bright metal parts of the chair, mirror frames, shelves and other similar equipment,—all reflecting the utmost in sanitation,—made possible through the use of Allegheny Metal.



### **\*YOUR RAILROAD**

Would it surprise you to learn that two of the leading trunk railroads in the East have recently designed and built railroad passenger cars the entire exteriors of which are made from this same wonderful alloy?



### **\*YOUR HEATING AND AIR CONDITIONING**

Air conditioning, according to the experts, will be the next real industrial giant. Many of the newly developed heating and air conditioning units for both domestic and public buildings use Allegheny Metal for those parts subjected to maximum corrosion conditions.



### **\*YOUR MOVIES**

The majority of the films which show your favorites on the silver screen are developed in tanks of Allegheny Metal. Many of the improvements in this industry during the past years have been accomplished through the use of this remarkable metal.



### **\*YOUR PHARMACEUTICAL PRODUCTS**

Many of the nationally known medicinal preparations—tooth pastes, mouth washes and other similar pharmaceutical products depend upon Allegheny Metal to protect them from contamination and spoilage in their manufacture.



### **\*SODA FOUNTAINS**

Many of the finest and most modern soda fountains and soda grills today are entirely constructed from Allegheny Metal. The majority of the better ice creams, as well as many of the popular soft drinks, are entirely manufactured in Allegheny Metal equipment.



### **\*ARCHITECTURAL TRIM**

Allegheny Metal is being used in many of the new and modern buildings for lobby wainscoting, elevator cabs and enclosures, kick plates, door hardware, grilles and other similar applications where maximum corrosion resistance is desired.

## ALLEGHENY STEEL COMPANY BRACKENRIDGE, PENNSYLVANIA

Sales Offices and Warehouse Stocks in the Principal Cities . . . Stocks carried by Jos. T. Ryerson & Son, Inc.  
Warehouses—Dunham, Carrigan & Hayden Co., San Francisco—Union Hardware & Metal Co., Los Angeles