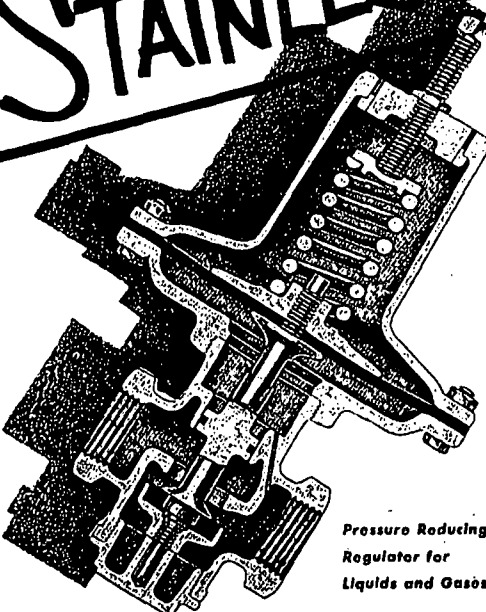


STAINLESS



Pressure Reducing
Regulator for
Liquids and Gases

For regulation of fluids where corrosion and contamination are problems, Foster Automatic Valves are now available in all-stainless construction.

All valve parts in contact with fluids may be had in a wide range of corrosion resisting alloys.

The next time you need dependable, trouble-free regulation, it will pay you to tell your Foster Representative your requirements.



PRESSURE REGULATORS • RELIEF AND BACK PRESSURE VALVES • CUSHION CHECK VALVES • FAN ENGINE REGULATORS • PUMP GOVERNORS • TEMPERATURE REGULATORS • FLOAT AND LEVER BALANCED VALVES • NON-RETURN VALVES • VACUUM REGULATORS OR BREAKERS • STRAINERS • SIRENS • SAFETY VALVES • FLOW TUBES

FOSTER ENGINEERING COMPANY • UNION, N. J.

More TECHNICAL BRIEFS

Battelle Memorial Institute in close operation with the Jefferson County Pollution Control officials. Much has been done, and while the survey is not expected to solve the entire problem it will provide better understanding and point to corrective action that can be taken by industry and the community. Concurrently, industry is installing many types of control devices. Three industries have appropriated \$450,000 for control equipment. Others are in the design stages. The willingness of industry to do everything scientifically possible to abate pollution has not calmed public hysteria for drastic action. The problem is complex and will require time to solve. Shutdown of the new industry would give only partial relief. With patience and understanding that industry is a good neighbor cooperating in a community problem, progress will be made. *ENR* Paper, no number.

Air Pollution Problems in the Houston Area. By Don Wynn, Houston Chamber of Commerce.

The concentration of industrial plants, oil refineries, ship wharves, steel plant, chemical and fertilizer factories erected along the Houston ship channel in recent years have created an air pollution problem.

A \$2.2 billion dollar investment in 100 plants with 66,000 workers and payroll of \$278,000,000 within 100 miles more than a decade has made Houston the South's largest city and second busiest port area in the country. New industries locating here have spawned hundreds of diversified businesses. The desire of workers to live close to the jobs in the ship channel plants has new communities arise close to the industrial zones.

Public protests since 1951 about atmospheric pollution have intensified the work of industry in this area under the Chamber leadership. Since 1947 a recent survey showed more than \$8 million has gone into devices to reduce air pollution in Harris County. Another \$10 million of equipment has been authorized. Although less than 26,000 of the 900,000 people in Harris County are affected by air pollution, such an outcry has been generated that it has only been with difficulty that law-suits and injunctions involving serious dislocations have been stayed off.

Our first aim is to inform the public about remedial measures under way. We must also determine the level of contamination permissible and see that it

Directions for ordering papers on p 154

Check List

for selecting a Piping Contractor

Listed below are a number of important factors that should be taken into account whenever you select a piping contractor. If any of these are overlooked, you are not buying your piping construction to best advantage.

- ☒ **EXTENSIVE, SIMILAR EXPERIENCE** - Is the contractor thoroughly experienced in your type of work? Problems are always more readily solved when they have been met before.
- ☒ **MODERN FABRICATING PLANTS** - Fully equipped plant staffed by piping experts makes practical piping subassemblies that are correctly planned and prefabricated to simplify and expedite field erection.
- ☒ **PROGRESSIVE ORGANIZATION** - You want a contractor who keeps abreast of new piping developments. Piping research on a continuous basis should be his policy.
- ☒ **CONVENIENT LOCATION** - A fabricating plant near enough to give you quick service is of prime importance. Convenient location also improves overall supervision of the job.
- ☒ **SUPERIOR FIELD FACILITIES** - A job of any size needs a resident superintendent, with a permanent staff of supervising erectors. Welders should be qualified on your materials.
- ☒ **PLUS SERVICES** - The experienced contractor often can make suggestions that result in improved piping design and savings in time and money.

You can check all these when you select

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