Johns-Manville

INDUSTRIAL ENVIRONMENTAL Engineering Service

Devoted to solving plant environmental problems caused by dust, vapor, fumes, noxious gases

- In-plant Surveys
- Engineering Recommendations & Costs
- Detailed Drawings & Specifications
- Turn-Key
- Training of an Industrial Hygiene Staff

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Industrial Environmental Engineering Service

The very air you breathe on the job can be safer and more pleasant, thanks to the new Johns-Manville Industrial Environmental Engineering Service, and J-M offers this service to outside concerns. Johns-Manville Industrial Environmental Engineering Service is backed by well over 50 years of solving environmental control problems.

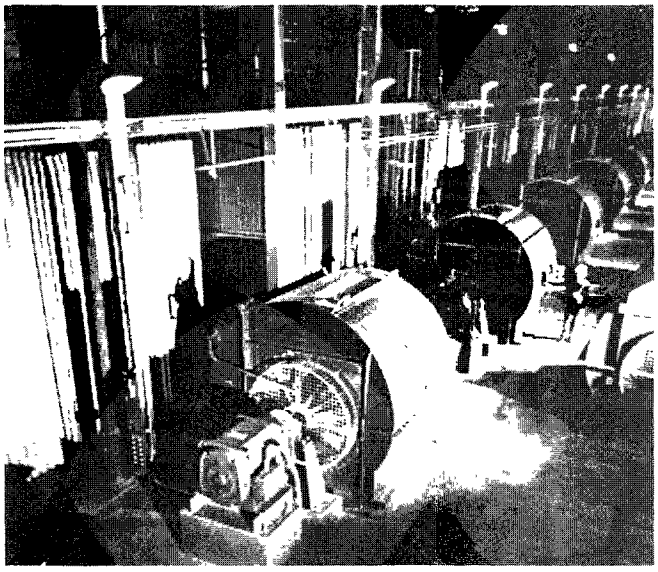
J-M's experience is world-wide, gathered from environmental problem-solving in hundreds of facilities in such diverse fields as hard rock mining, fiber glass production, consumer product manufacturing, chemical processing and other related production.

Johns-Manville is fully experienced in the handling, collection, recovery, and/or disposition of atmospheric contaminants of all types.

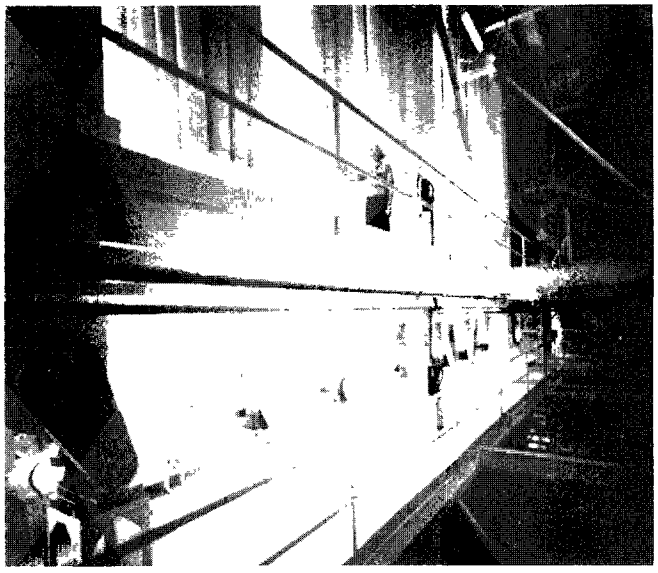
Over the years, Johns-Manville's experience has been tested by every type of climate, geographical location, every problem in dust control, odor and fume control. In solving them, J-M created systems that have become industry standards.

Industrial Environmental Engineering Service is a function of the J-M Environmental Control Systems Department. There is a staff of 30 specialists. 14 of them are devoted exclusively to industrial hygiene evaluations. They're backed by a team of 50 professionals: engineers, scientists and technicians. Over the past six years alone Johns-Manville has successfully completed over 1,200 pollution control systems at a cost of nearly $32,000,000.

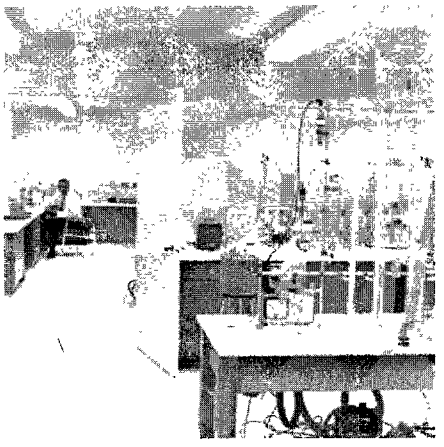
In addition, this staff has extensive experience in designing and constructing systems that comply with both EPA (Environmental Protection Agency) and the Occupational Safety and Health Act.



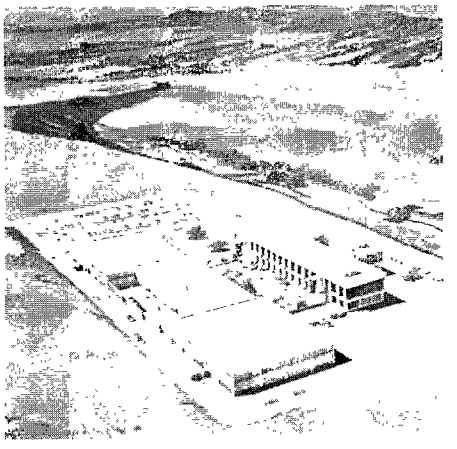
Interior view of a fan room and the world's largest bag house where 5 million cubic feet of air are moved each minute to keep dust virtually at zero level in the milling operations at the Johns-Manville Jeffrey Mine, Asbestos, Canada.



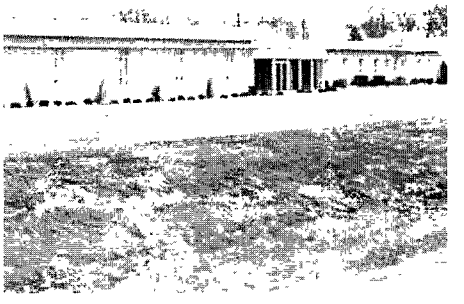
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Part of the materials research and testing laboratory located at Newport Beach, California

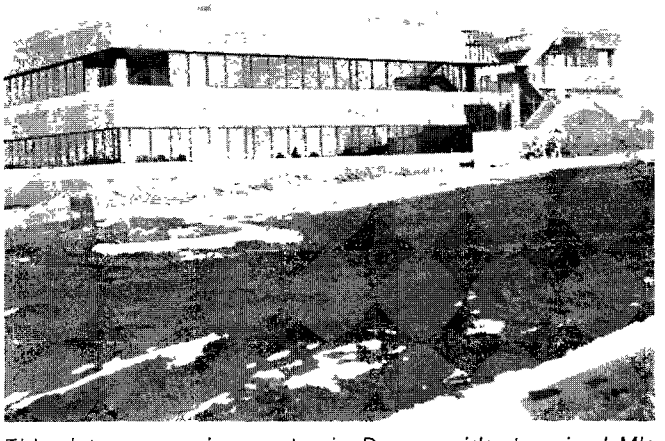


Johns-Manville's new and most sophisticated laboratory for research and testing in the field of product evaluation and environmental control, Denver, Colo

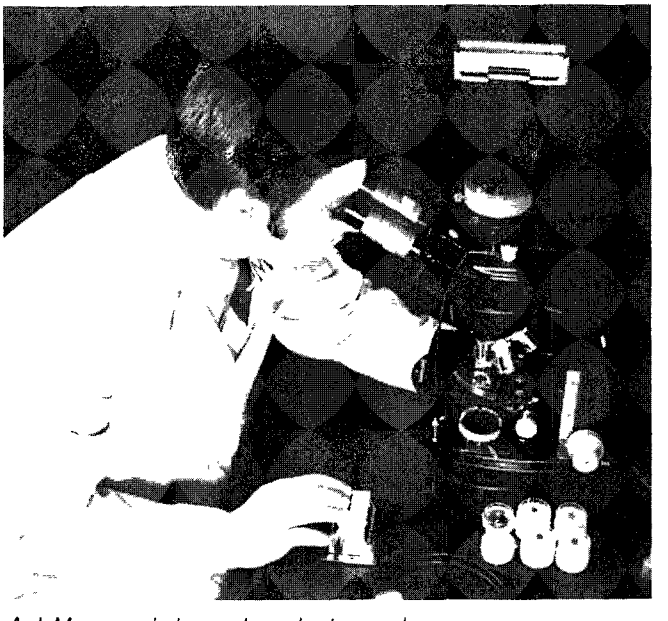


Another of the Johns-Manville research laboratories at Waterville, Ohio. It is used for testing fiber glass.

Dozens of specialists on treatment of pollution are represented, and at their disposal are outstanding research facilities at Denver, Colo., Newport Beach, Calif., and Waterville, Ohio. Regional industrial hygiene centers are located in California, Illinois, and New Mexico, and Quebec Province, Canada.



This data processing center in Denver aids, too, in J-M's comprehensive service to clients.



A J-M specialist counting dust samples

J-M Industrial Environmental Engineering Service offers a comprehensive list of services to client companies:

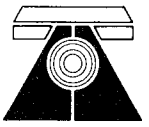
1. In-plant surveys including sampling and analysis for dust, fiber, vapor, fumes, and noxious gas.
2. Corrective recommendations, including equipment specifications and cost.
3. Preparation of detailed designs and specifications for control systems.
4. Supervision of construction and installation of control equipment.
5. Industrial hygiene monitoring service.
6. Training of an industrial environmental staff for clients.

Johns-Manville Industrial Environmental Engineering Services are available on a fee basis anywhere in the U.S. and at overseas locations.

For more information or consultation, call or write: Industrial Environmental Engineering Service, Environmental Control Systems Department, Johns-Manville, Box 5705 EES, Denver, Colo. 80217. Telephone (303) 770-1000 (Call Johnmanvil.

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NEED INFORMATION ON OTHER J-M PRODUCTS & SYSTEMS?



Finding out about them could save you time and money. Call the new Johns-Manville PRODUCT INFORMATION CENTER at (303) 770-1000, Ext. 2745. Give us a buzz soon!

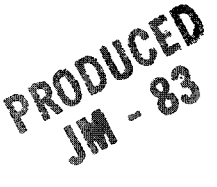


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ENVIRONMENTAL CONTROL SYSTEMS DEPARTMENT

Greenwood Plaza, Denver, Colorado 80217

(303) 770-1000



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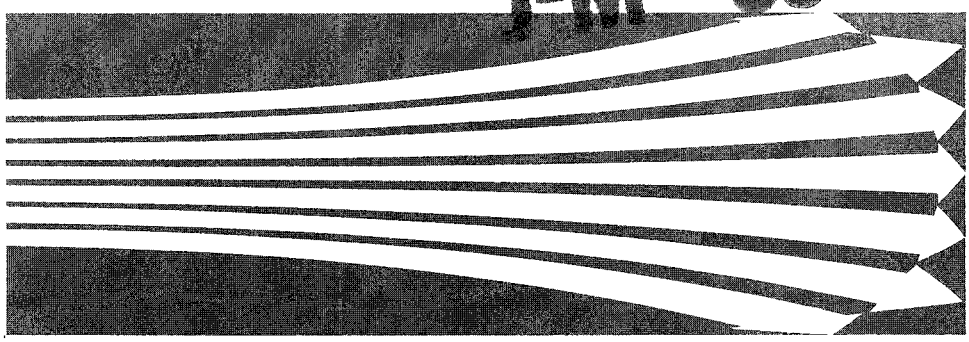
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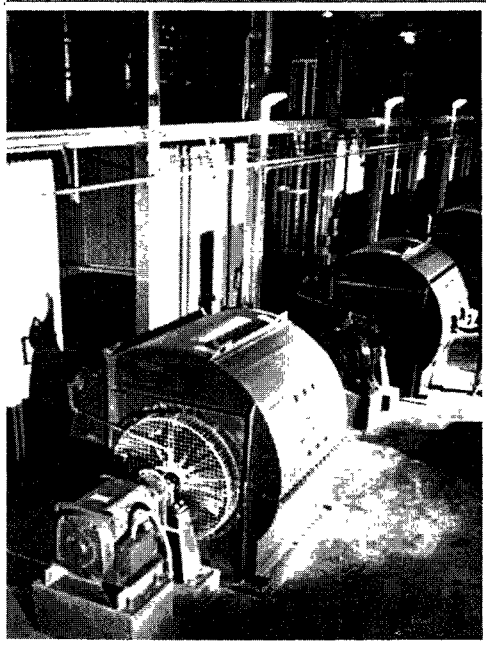
For a healthy difference in your environment - inside or outside

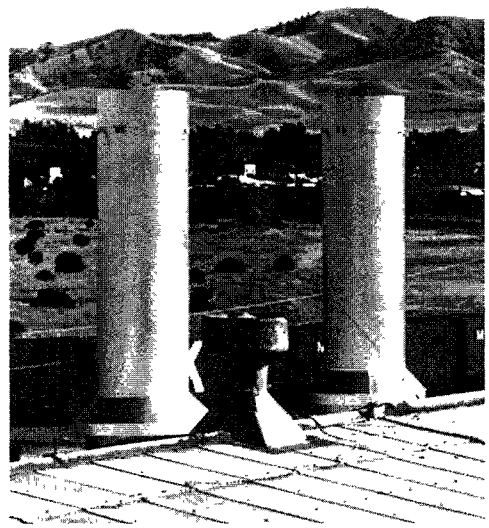
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Competent analysis based on experience in solving varied pollution problems

Coordinated professional programs to help control pollution in occupational and/or community environments.

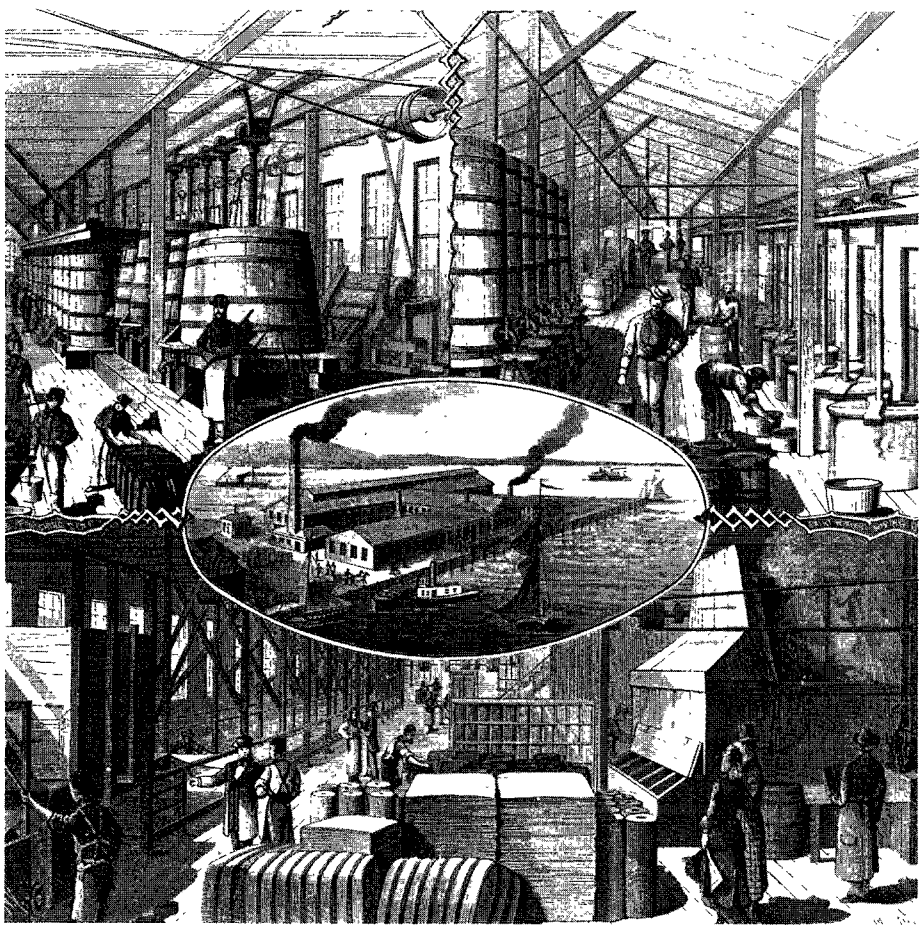
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For 116 years, Johns-Manville has been making products and performing services that help control pollution in occupational and in community environments. The first J-M "anti-pollution" product, developed to minimize the hazards of noise, was acoustical ceiling panels—the forerunner of today's noise-quieting systems.

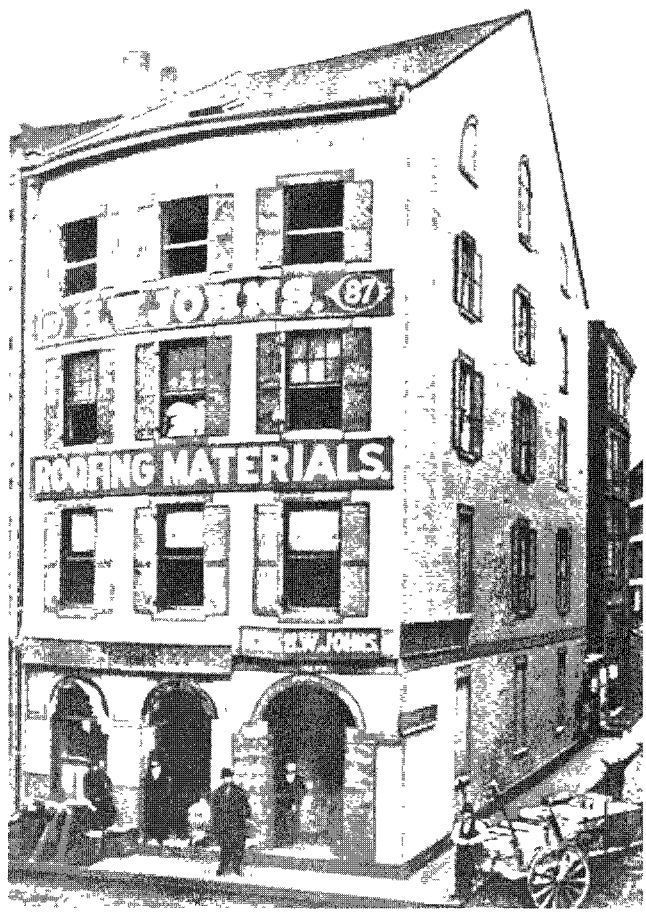
As J-M expanded into diverse products—operating manufacturing plants, mines and mills—many different kinds of air and water pollution problems were encountered. To protect working environments and community environments, J-M Engineering responded with many and varied specific solutions: the kinds of solutions that do the jobs effectively; and the kinds that respect investment and expenses efficiently.

In the past quarter-century, environmental control has grown more complex in all areas of air, water, noise and industrial hygiene. At the same time, solutions have become more urgent. From the J-M experience and initiatives have come a competence to help others.

Scenes in the H. W Johns Brooklyn factory, birthplace of Johns-Manville—from an 1881 woodcut



The New York roofing materials store of H. W Johns, founder of the Company



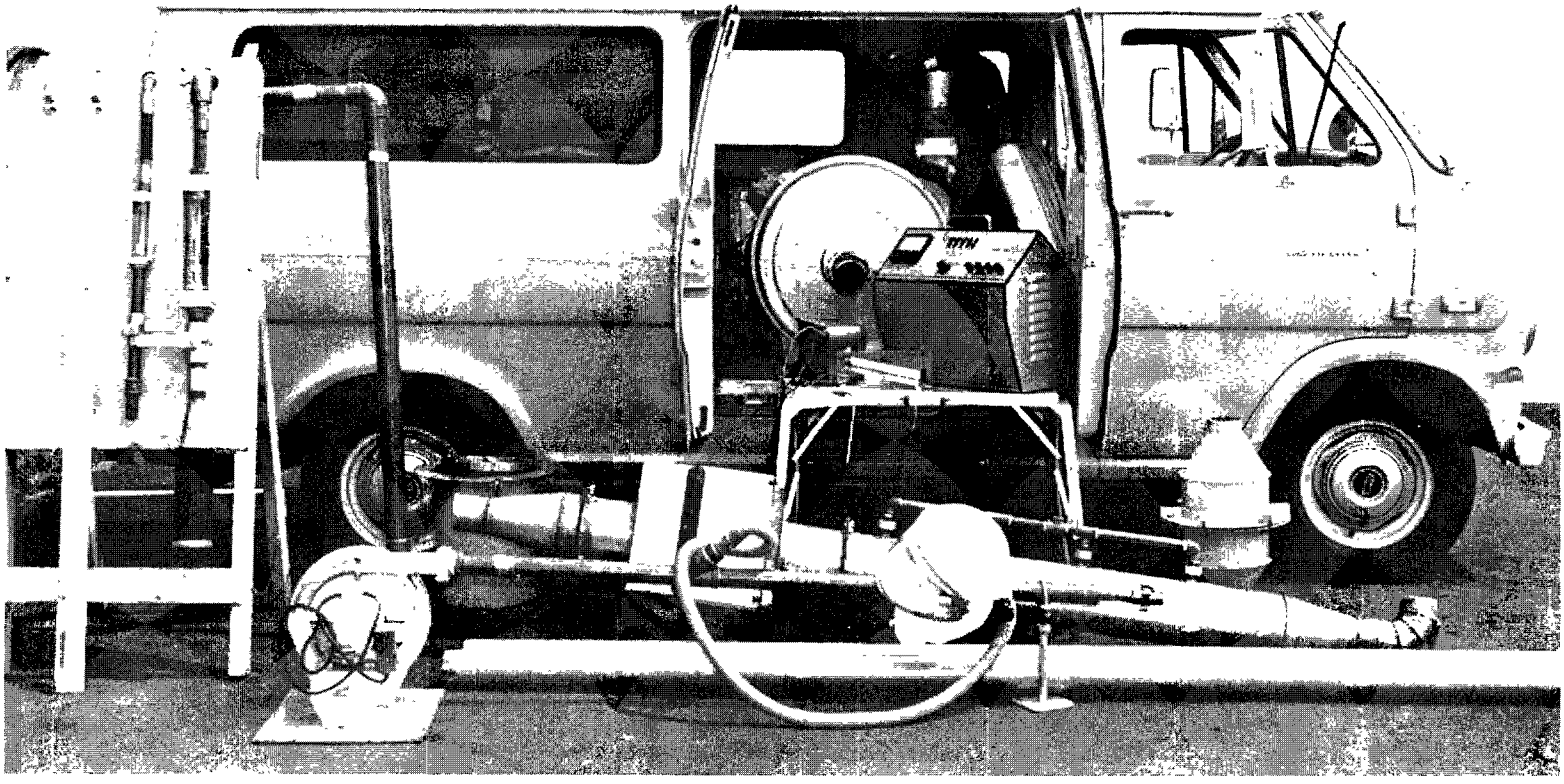
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Environmental engineering at J-M grew up solving tough problems for "tough customers": J-M plant engineers. Other demanding clients we've served are J-M competitors, yet J-M has helped many of them to overcome problems similar to ours. And yours?

With environmental controls so vital to our working and living standards, today and tomorrow; and with so much history, experience, resources and professional staff readily available to you from J-M, your toughest pollution problems may well be within reach of early solution. You may find our Industrial Environmental Engineering Services the best place to begin in solving your problems efficiently, quickly and in keeping with all the standards that must be met and maintained. These services are available to you from start to finish or as important parts in your total solution.

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HEAF—Mobiles demonstrate filtration of plant effluents throughout the country, determining filtration efficiencies and annual operating costs



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Engineering Surveys

A J-M environmental engineer will visit your site to learn your special requirements. Then, in consultation with specialists on his engineering staff, analyze your pollution problem and propose alternatives for solution. Recommended courses of action are submitted and overall cost figures—both initial and operating—are included for each system considered.

Design and Specifications

On contract, we consult with you and will design the system you need for correcting and controlling your problem. Full design and specifications are included, with blueprints and equipment lists suitable for securing bids.

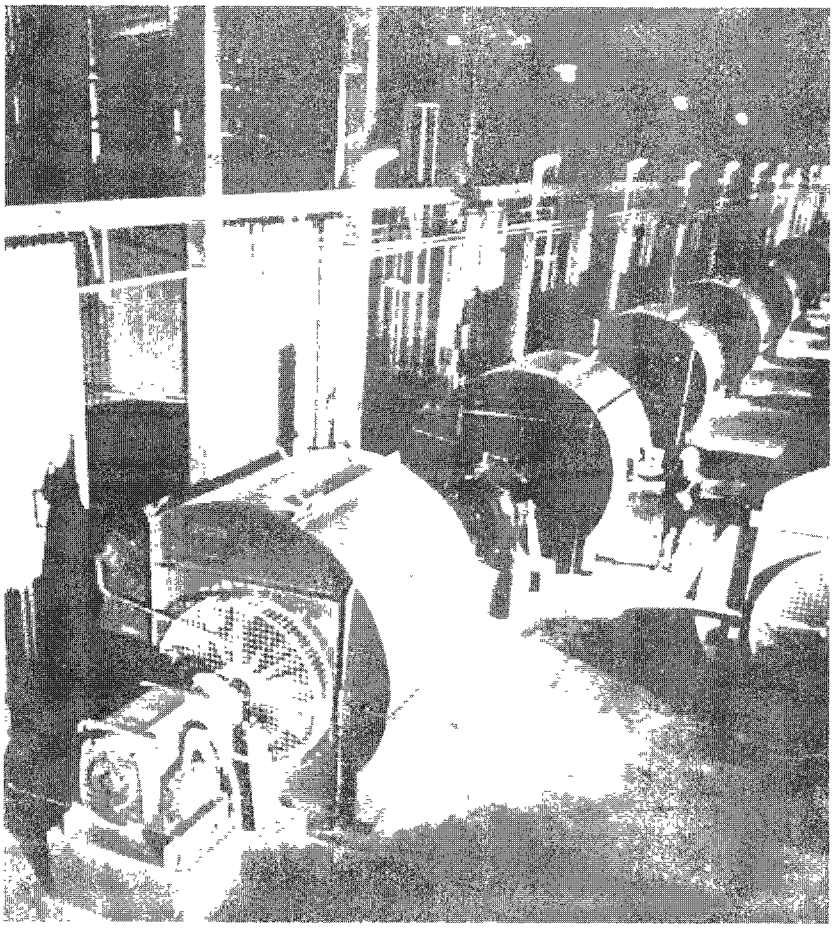
Turnkey

At your discretion, J-M Environmental Control Engineering Services will purchase, construct, install and start up the system for which we will have furnished the design.

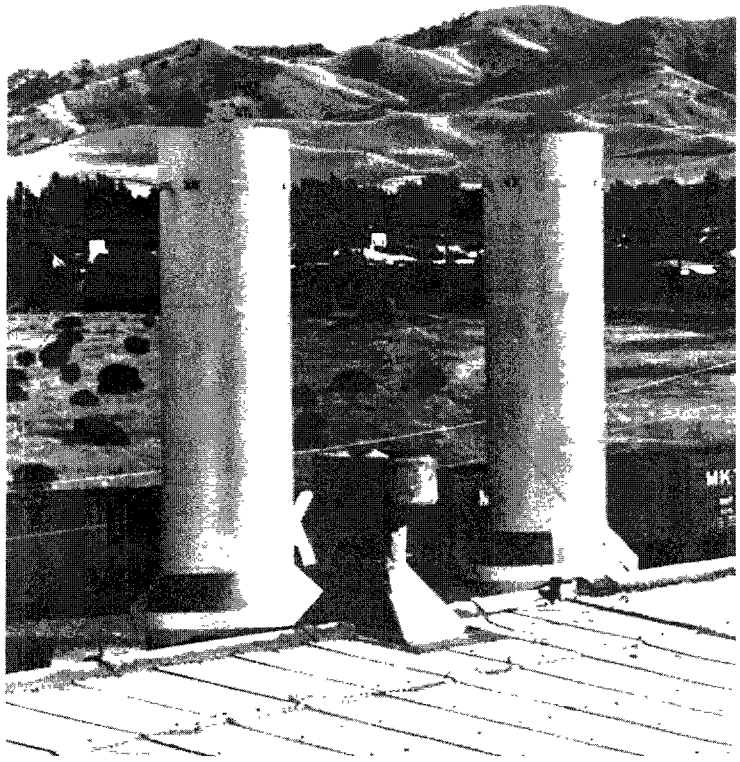
Start-Up

Our people will train your people, so you can enjoy the most from your investment.

Interior view of a fan room in the world's largest bag house, where 5 million cubic feet of air are moved each minute to keep dust virtually at zero level



No plume is visible at the mouth of these stacks on an asphalt shingle producing plant The HEAF system here replaced an electrostatic precipitator



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Industrial Hygiene Surveys

J-M technicians will visit your plant or other site to sample and define your kind of pollution. Necessary samples and/or data are dispatched to J-M laboratories for analysis, from which a report is written that includes adherence to OSHA rules and regulations. Surveys are contractual with the client and his specific needs.

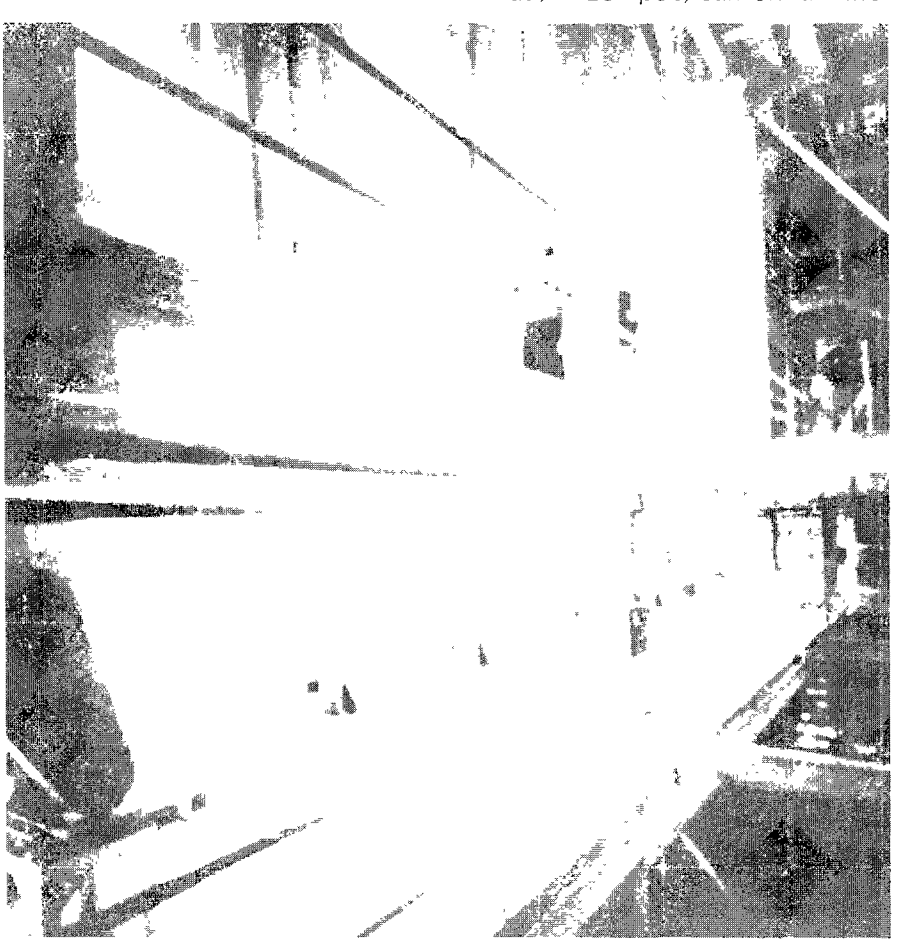
Industrial Hygiene Training

Your people—your hygienists and technicians—can be trained by our people and at your location to monitor dusts and other substances, to help you maintain your pollution control investments at their highest levels of efficiency. Two and three-day courses have been structured to render this important service.

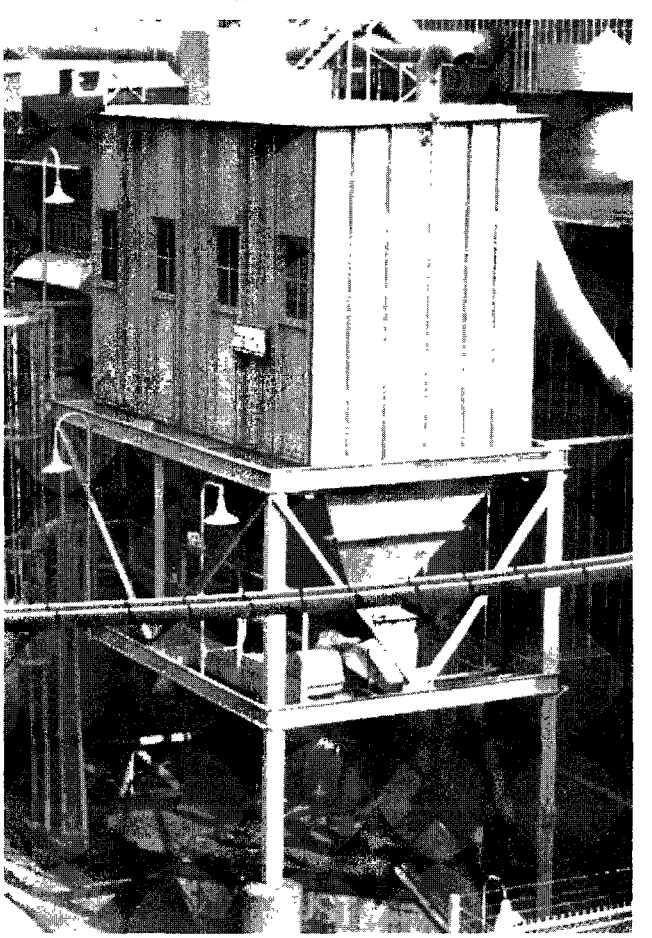
We make our services available to you according to your needs. In this way, we can contribute most to a better total environment—and sooner—as well as to your specific and most immediate needs.

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A baghouse installation for dust control at J-M Lompoc, California Mine



Cloth bag dust collector serving rubber mixing and compounding area, Manville Plant, New Jersey



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Johns-Manville wants to help everybody who needs to "clean up their act"; to improve our environment while pursuing other objectives. We think it's possible: we know it's urgent. And we believe the best available solutions are the best ways to go.

During the past 50 years our Engineering Department has designed, installed and operated systems controlling many dusts, liquids, sticky mixtures, industrial solvents and other gaseous emissions. Over the last 5 years alone this team has produced over 1000 pollution control systems valued at nearly $32,000,000.

When such expertise is not enough, we defer to others whose specialties may exceed ours, in knowledge and execution. And we work with them, enthusiastically.

Our role is to help reduce pollution. To improve our environment. Our goal is to clean it clean. To help make life better in working and community environments. Our ideal is to conquer pollution. Pure and simple.

Johns-Manville's new, ultra sophisticated laboratory for research and testing in the field of product evaluation and environmental control, Denver, Colorado



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There are many individuals, specialists, organizations and public agencies at work in honest pursuit of improving our working and living environments. We feel privileged to be counted among them and are proud of the expertise we can offer in environmental sciences and engineering.

The integrity of the solution is our discipline. Where our experience, resources and abilities can contribute best—to the best solutions—Industrial Environmental Engineering Services and its staff are ready to help.

Should you be in need of information or services as described in this brochure, please let us know. Write or call us or use the postpaid reply card enclosed.

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Please contact us. Our most urgent pollution problem is

_____

_____

Name _____ Title _____

Company Name _____

Address _____

City _____ State _____

Zip _____ Telephone _____

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Please Send to JM

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ENVIRONMENTAL CONTROL SERVICES DEPARTMENT
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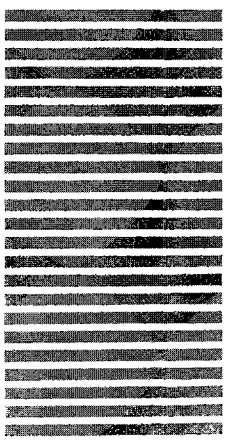
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