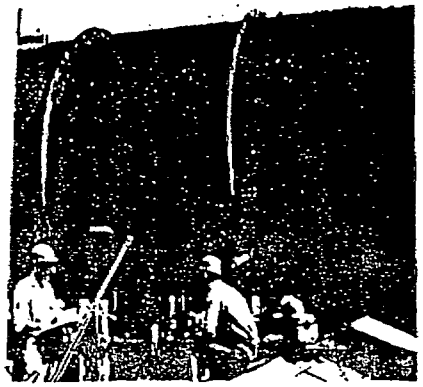
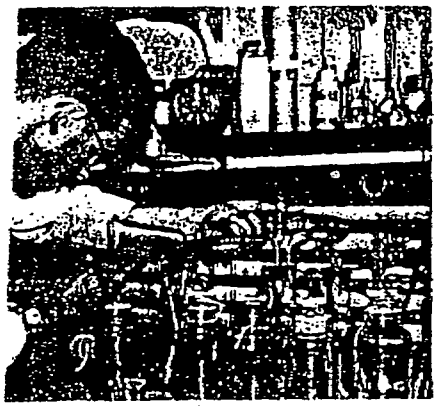


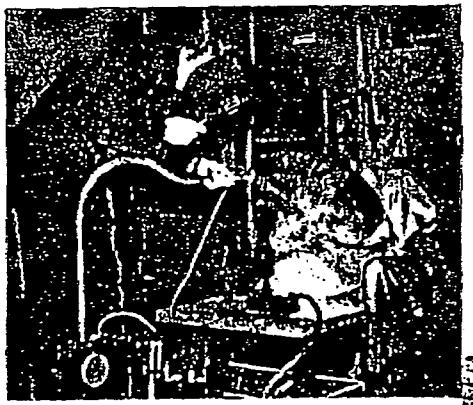
easuring air flow in a duct



Determining radiant heat



Separating respirable dust into size fractions



Collecting metal fumes with electrostatic precipitator

Industrial Hygiene Services

ENVIRONMENTAL SURVEYS—many on an industry-wide scale—are conducted for members, as are plant studies on specific phases of industrial health problems. The nature and magnitude of hazardous exposures and the effectiveness of control measures are appraised.

I-H-F industrial hygienists and chemists measure and analyze dusts, fumes, gases, vapors and odors, noise and radiant heat; and, together with the medical staff, evaluate the hazards involved.

The engineering division is equipped to advise on control requirements for specific operations and on modifications in process[illegible] minimize, or, whenever possible, to eliminate environmental hazards.

The Foundation's industrial health specialists are called on to:

Give specialized advice on new plant design and construction and reconstruction in existing plants in order to make health protection an integral part of operations.

Conduct field tests of new control measures.

Review plans for ventilating systems, as to design, capacity, etc.

Advise on special air-cleaning problems.

Develop new data and design procedures for exhaust hoods.

Provide information and advice on toxicity of chemical and physical agents; on hazards of particular processes; and on sampling and analytical procedures, choice and availability of equipment.

Conduct basic research in the field of industrial hygiene to develop new sampling and analytical methods and techniques.



