

HAER
115
7-ORAN
4-A-

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

Thomas A. Edison Laboratories, Building No. 2
(Thomas A. Edison Laboratories,
Chemistry Lab and Balance Room)
Main Street and Lakeside Avenue
West Orange
Essex County
New Jersey

HAER No. NJ-70-A

Jet Lowe, HAER Staff Photographer, March, 1986

See HAER No. NJ-70 for further information.

- NJ-70-A-1 Interior. Storage room for glassware and reference room with frequently-used chemistry and chemical engineering texts.
- NJ-70-A-2 Interior. Apparatus displayed approximately as it was for a series of experiments on rubber extraction from the goldenrod plant which Edison conducted during the late 1920's. These experiments were some of the last which Edison was involved in before the illness which led to his death in 1931. Chemical bottles contain various standard chemicals, also from this later period. In 1980 extremely toxic, carcinogenic, and explosive materials were removed for museum visitor safety.
- NJ-70-A-3 Interior. Looking from balance room to the front entrance. Chemicals related to Edison's experiments on the extraction of latex for rubber from the goldenrod plant. Room is set up based on reconstruction research done in 1972.
- NJ-70-A-4 Interior. Apparatus used in crushing and processing plant fibers to extract latex from the sap during experiments to find native North American plant which would yield sufficiently high percentage of latex to produce natural rubber.
- NJ-70-A-5 Interior. Distillation apparatus used for extracting small test amounts of latex from plant fiber.
- NJ-70-A-6 Interior. Distillation apparatus.
- NJ-70-A-7 Interior. Distillation apparatus.

Thomas A. Edison
Laboratories, Building
No. 2
(Thomas A. Edison Laboratory,
Chemistry Lab and Balance
Room)
Index to Photographs
HAER NJ-70-A (Page 2)

- NJ-70-A-8 Interior. Balance room for chemistry laboratory. Storage room for glassware and reference room with frequently used chemistry and chemical engineering texts.
- NJ-70-A-9 Interior. Apparatus used in rubber-production experiments.
- NJ-70-A-10 Interior. Apparatus on table by door used for metal-plating wax discs in order to make a steel master for use in mass production of phonograph records. Process used primarily from 1915 to 1928.
- NJ-70-A-11 Interior. More apparatus connected with latex-extraction experiments.
- NJ-70-A-12 Interior. More apparatus connected with latex-extraction experiments.
- NJ-70-A-13 Interior. Plant-crushing and fiber-processing equipment used in latex-extraction experiments.
- NJ-70-A-14 Interior. Balance room for chemistry laboratory. Storage room for glassware and reference room with frequently used chemistry and chemical engineering texts.
- NJ-70-A-15 Interior. Same room, different view.
- NJ-70-A-16 Interior. Plant-crushing and fiber-processing apparatus used in latex-extraction experiments.
- NJ-70-A-17 Interior. More plant-crushing and fiber-processing equipment.