

APPENDIX J
2003 Site Inspection

**SITE INSPECTION
FYN PAINT FACILITY
230 KENT AVENUE
BROOKLYN, NEW YORK**

Prepared For

Fyn Paint & Lacquer Co., Inc.

November 2004

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INTRODUCTION

Leggette, Brashears & Graham, Inc. (LBG) was retained by Fyn Paint to conduct a site inspection at 229 Kent Avenue, Brooklyn, New York. The site inspection was conducted on May 27, 2003 by Dan C. Buzea and Edward Destefanis of LBG in the presence of Mr. William Feinstein, owner of Fyn Paint and Mr. Howard Simka, chemist for the facility. The purpose of the inspection was the following:

- conduct an inventory of the materials used for preparing paint at the time of the inspection;
- obtain data regarding the paint preparation process; and,
- determine the presence of potential leaks or spills related to the storage of chemicals and manufacturing of paint and pathways for such materials to reach the environment.

INVENTORY OF CHEMICALS

First Floor – Chemical Storage Area

The site inspection started at the first floor (ground level) of the facility from the Kent Avenue entrance. The following materials used for paint were stored on the first floor.

- Titanium dioxide pigment, 50 pound bags/6 bags.
- Talc powder, 50 pound bags/11 bags.
- Various powder paints for coating, 55 and 44 pound boxes/45 boxes.
- One gallon cans which were empty, approximately 20 cans.
- Solvent 100, 55-gallon drums, sealed/1 drum; one 55-gallon drum containing 10 gallons.
- Five-gallon containers of lacquer, sealed/100 containers.
- Five-gallon plastic containers of a water based paint/15 containers.
- Kelsol labeled 55-gallon drums/35 drums, empty. Kelsol is a resin used in paint processing and is water based.
- Lacquer in 5-gallon containers, sealed/30 containers.

Pictures of the first floor area, showing the storage of chemicals for paint manufacturing are attached. It should be noted that Fyn Pain is a wholesale distributor of powered paint used for coating.

Second Floor – Paint Manufacturing Area

The access to the second floor is via a staircase located in the vicinity of the Kent Avenue entrance. In addition, a service lift (only for chemicals) is used to bring drums and containers from the first floor to the second floor. The second floor is used for storage and paint processing by mixing various chemicals. The final product are various paint colors. The inspection identified the following:

- 55-gallon drums sealed containing processing chemicals.
- A 550-gallon blending tank out of service. (The tank was empty at the time of the visit).
- Six mixers.
- Four 175-gallon tanks out of service (empty).
- Two sand mills.
- Empty 5-gallon containers, final product.
- Empty 55-gallon drums, for storage.

Pictures of the second floor area are attached.

DESCRIPTION OF HAZARDOUS CHEMICALS

During the visit, LBG received from Fyn Paint a list of hazardous chemicals used at the facility for paint manufacturing (see attached). LBG conducted an interview with Mr. Bill Feinstein (owner) and Mr. Howard Simka (chemist) regarding the quantities of hazardous chemicals stored at the site during the visit. The following is the list of the hazardous chemicals supplied by Fyn Paint:

Solvents

Acetone

One, 55-gallon drum, full

One, 55-gallon drum containing 15 gallons

N butyl acetate

One, 55-gallon drum, full

N butyl alcohol

Three-gallon container, full

Methyl alcohol

One, 55-gallon drum, full

One, 55-gallon drum containing 40 gallons

Isopropylalcohol

None

Solvent 100

One, 55-gallon drum full

One, 55-gallon drum containing 10 gallons

Blend 90 (lacquer thinner)

Two, 55-gallon drums, full

Twenty-five containers of 5-gallons, full

Blend BA cleaning solvent

None

VMP naptha (aliphatic hydrocarbon)

One, 55-gallon drum containing 45 gallons

Toluol (toluene)

One, 55-gallon drum, full

Xylol (xylene)

One, 55-gallon drum, full, plus 18 gallons in a 55-gallon drum

Oxsol

42 gallons packaged in 5-gallon containers.

All solvents are purchased in 55-gallon steel, sealed drums.

Resins

Alkyd resins

Fifteen, 55-gallon drums

Water reducible resins

Twelve, 55-gallon drums

Melamine resins

One, 55-gallon drum

Nitrocellulose resins

Six, 55-gallon drums

Finished paint product

15 cases of six, 1-gallon per case

Fifty, 5-gallon containers

DESCRIPTION OF MANUFACTURING PROCESS

The first floor is used for receiving chemicals which are stored for sale to various customers. The powered paint is not manufactured at the facility.

All other chemicals received at the first floor, via Kent Avenue entrance or North First Street, are in 55-gallon steel sealed drums or containers of 5-gallon capacity. No manufacturing process takes place on the first floor. During the visits, no significant stains, drains or other area of possible spill or leaks of chemicals could take place on the first floor area were observed. According to the owner of the facility, Mr. William Feinstein, no bulk deliveries were made at the site since December 1999 when the facility's underground storage tanks were taken out of service and abandoned onsite in accordance with applicable regulations.

The paint manufacturing takes place at the second floor where various chemicals are mixed using the existing six mixers. In general, the manufacturing process is the following:

The chemical containers or drums from the storage area located on the first floor are transported to the second floor using an electric lift. The chemical ingredients are measured

based on formula following a "batch card" and put into the mixing vessel. After mixing and quality control process the finished batch is strained, set in the appropriate containers and labeled.

CONCLUSIONS

The site visit and inventory indicated the following:

1. First Floor

- first floor is used for storage of processed chemicals and finished products;
- no underground storage tanks are in use at the site; the USTs were abandoned in place in 1999; all fill boxes were sealed at the same time;
- no drainage or other pathway for leaks of chemicals to underground were observed at the first floor; and,
- the first floor appears to be generally well kept.

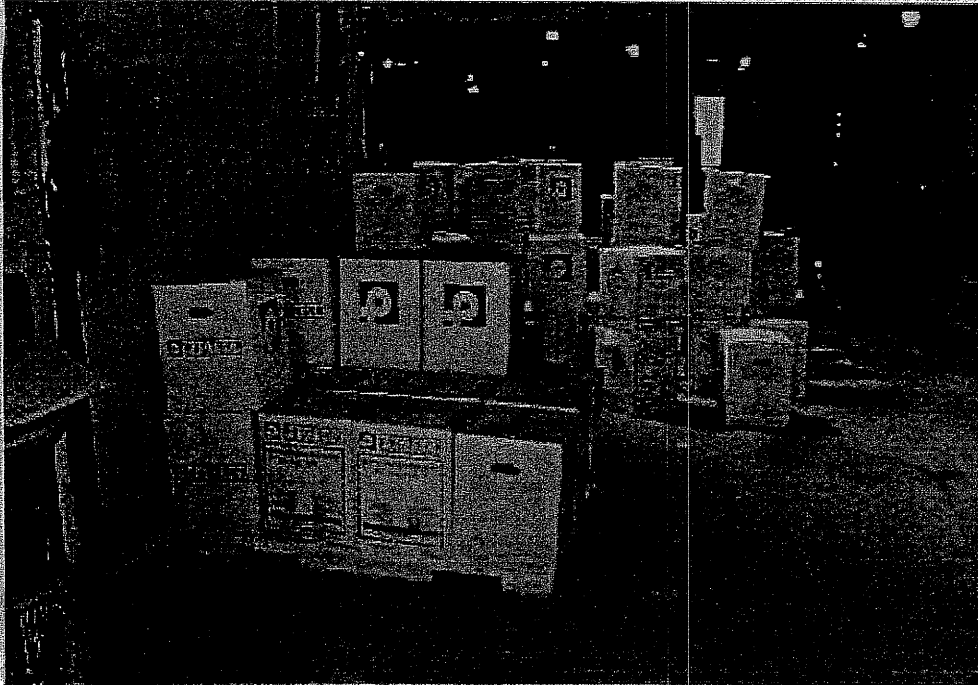
2. Second Floor

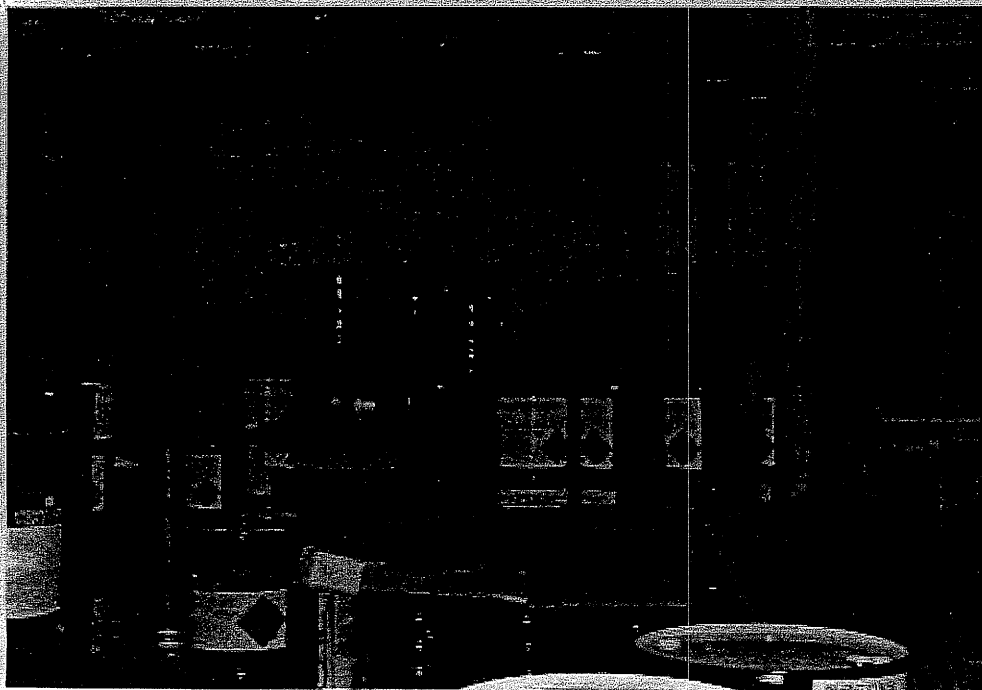
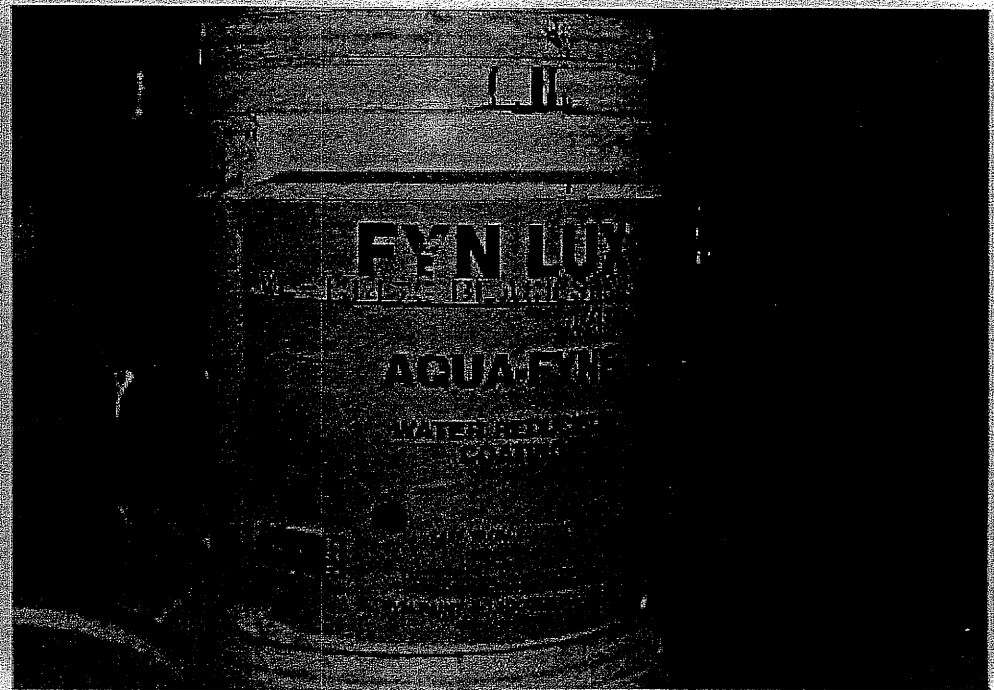
- this floor is used for paint manufacturing;
- the floor, drums and mixing basins are splashed with paint; and,
- there is no pathway or potential for chemicals from this floor impacting the environment.

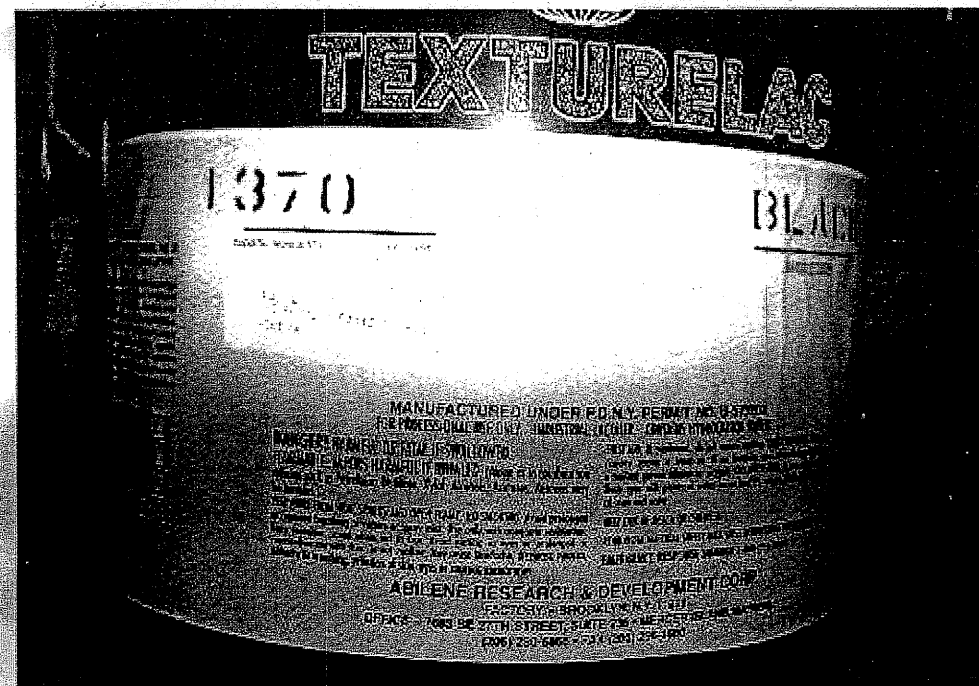
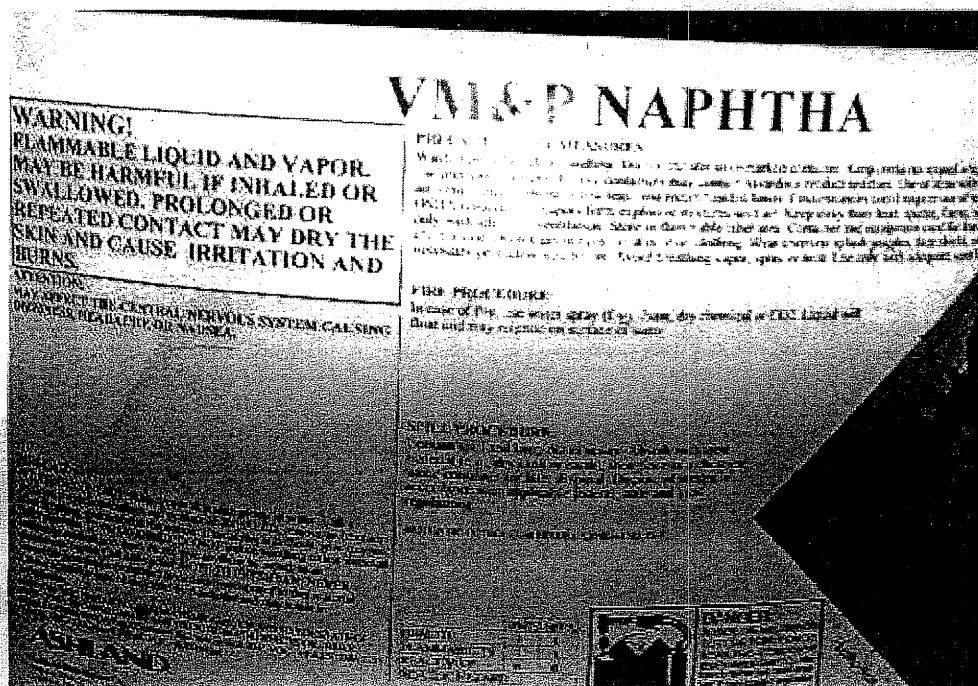
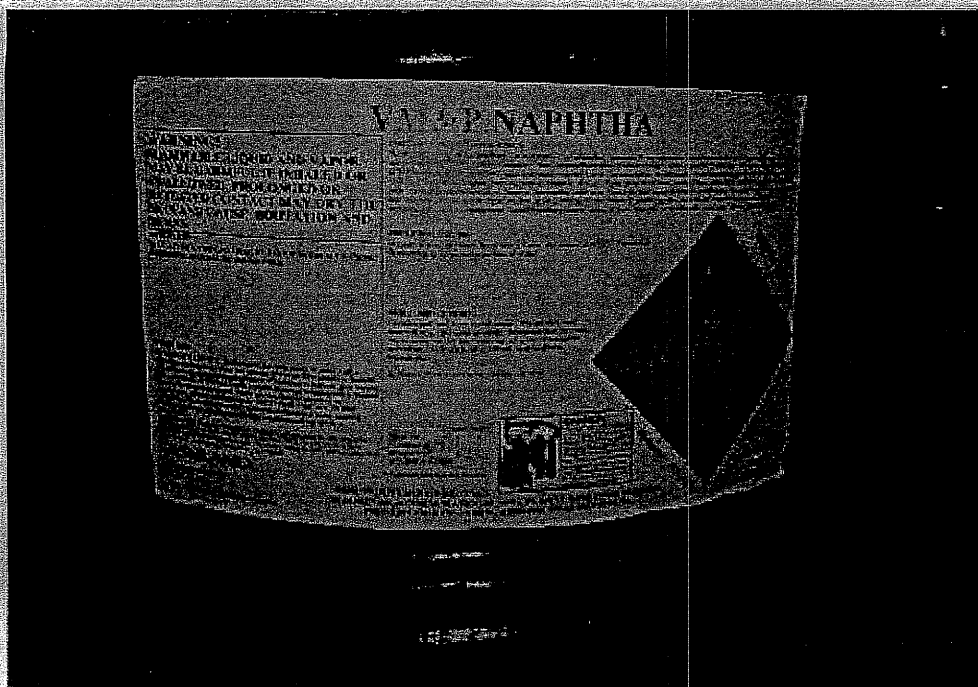
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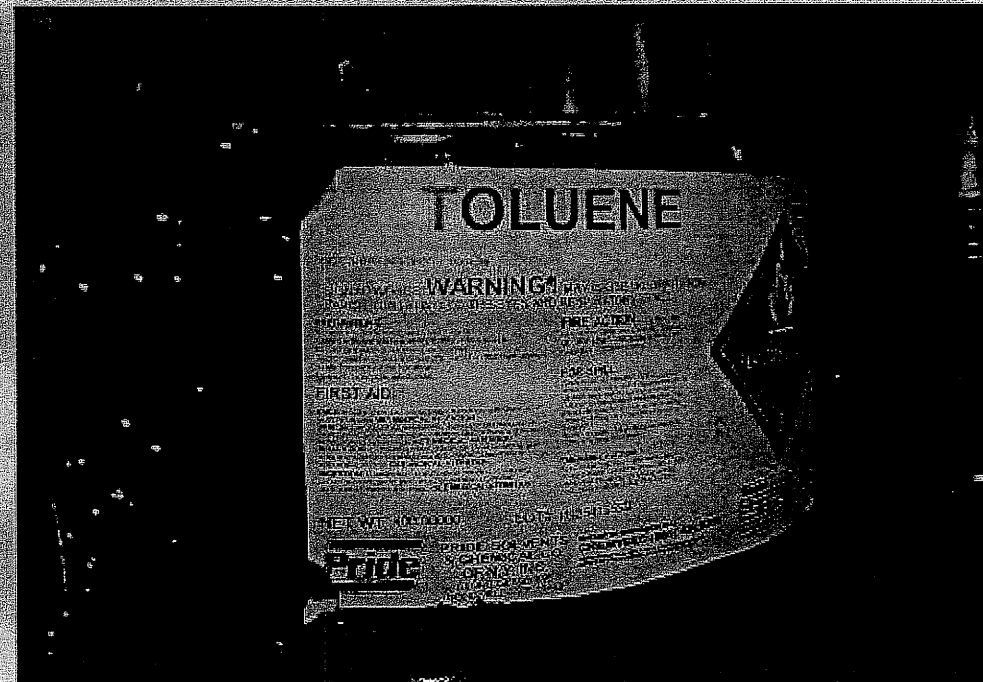
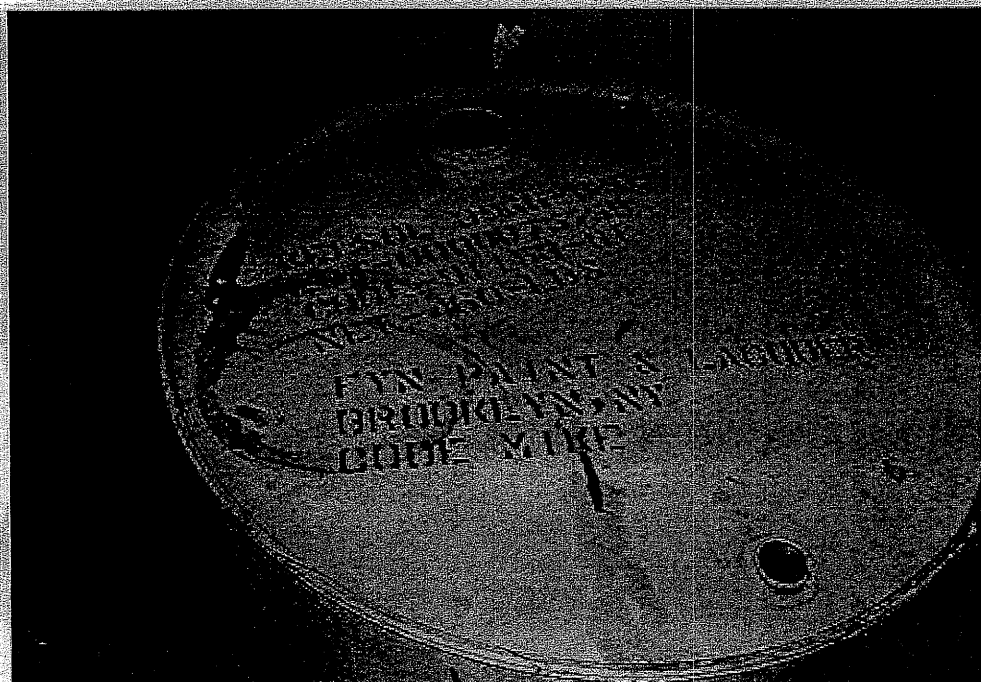
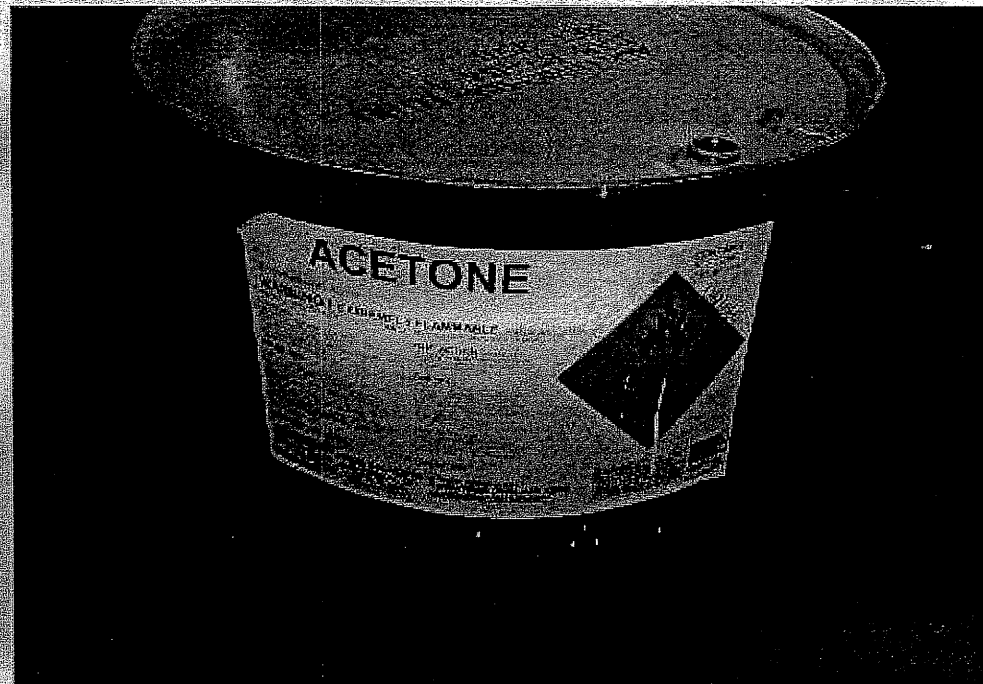
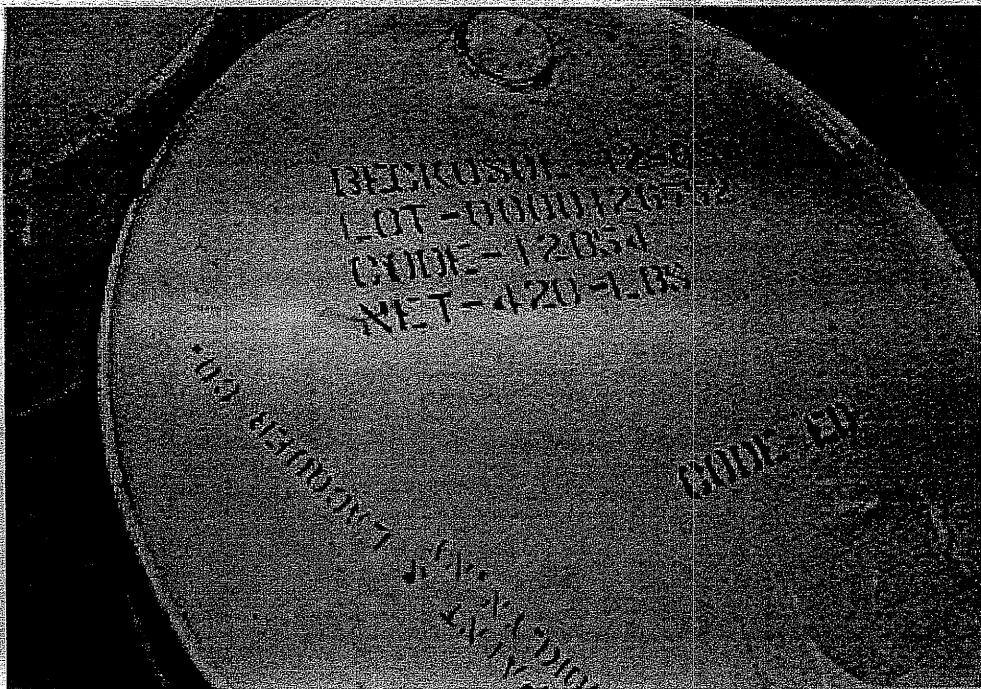
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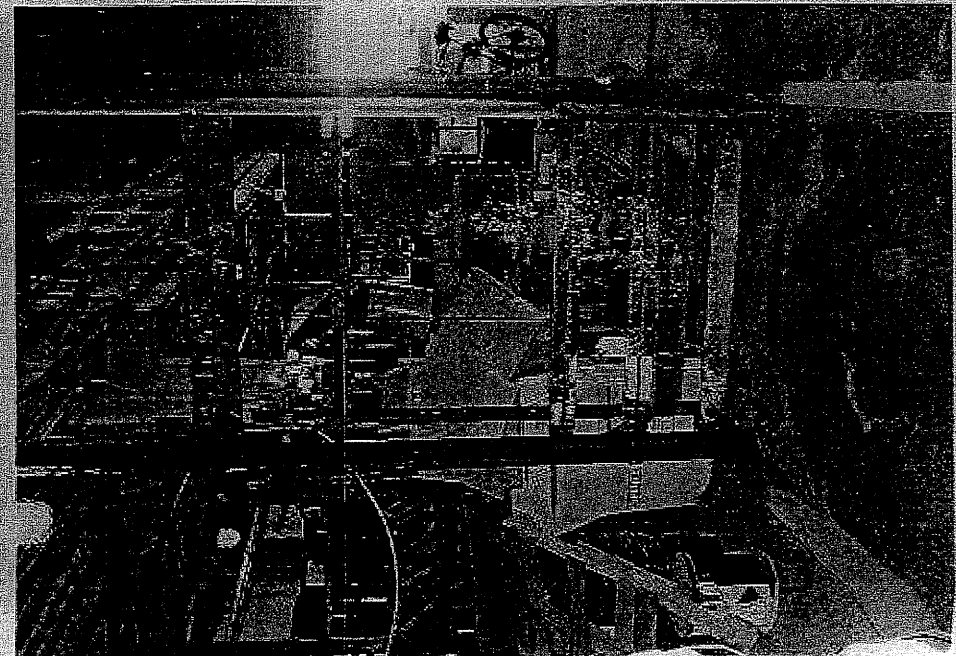
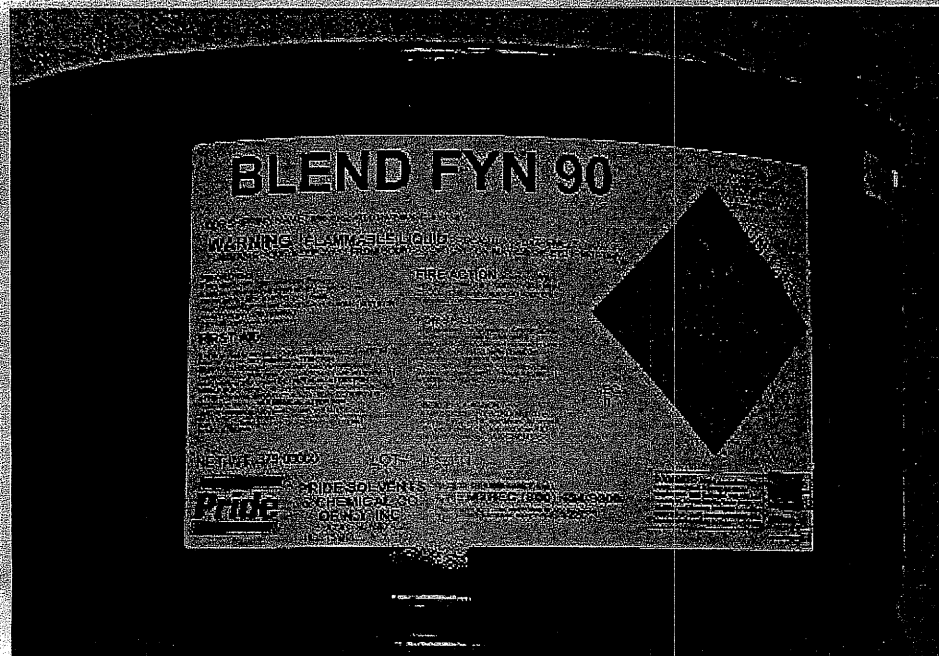
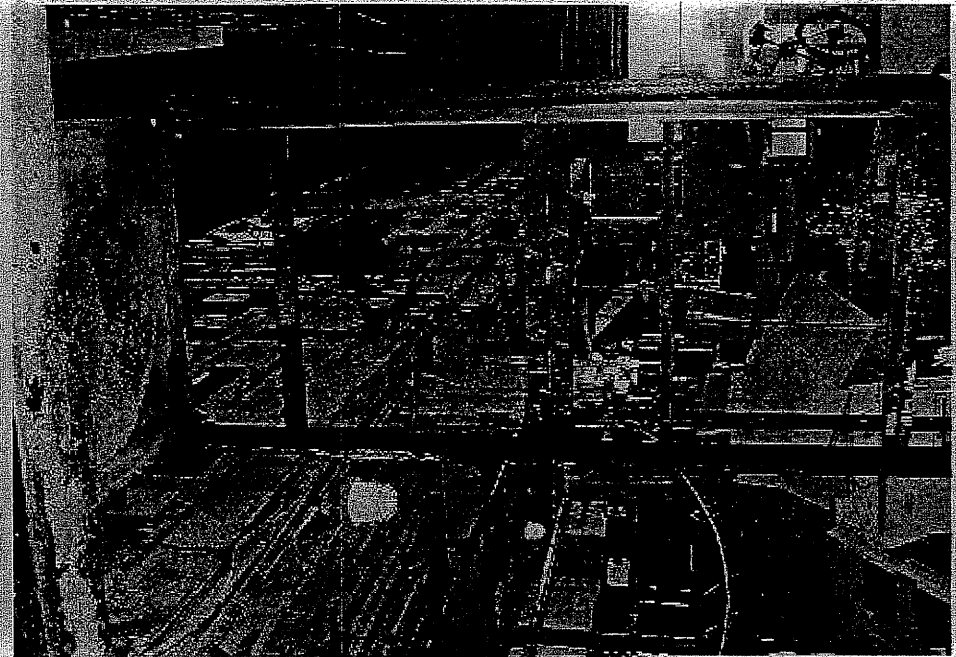
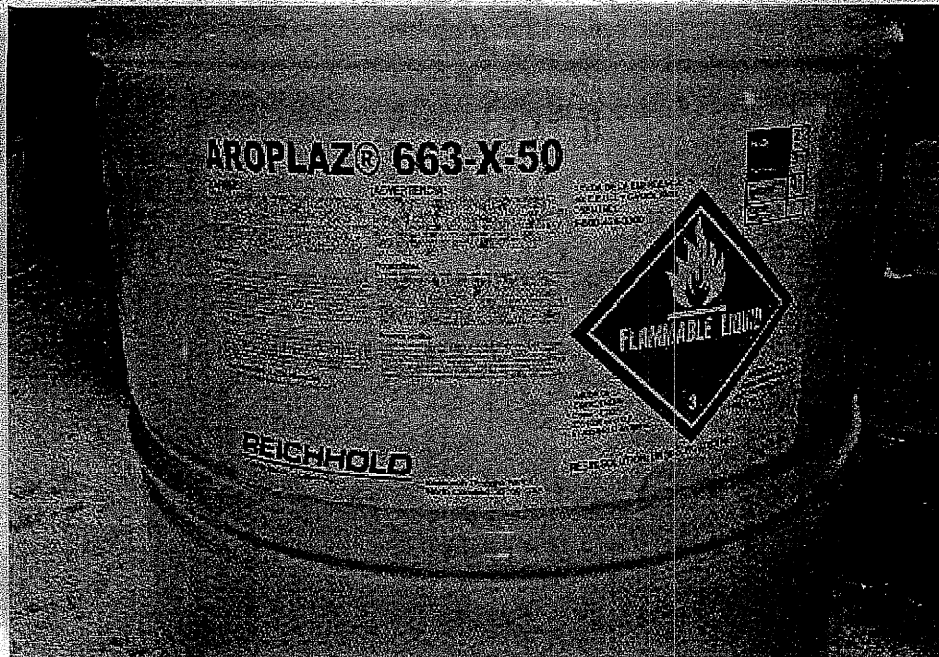
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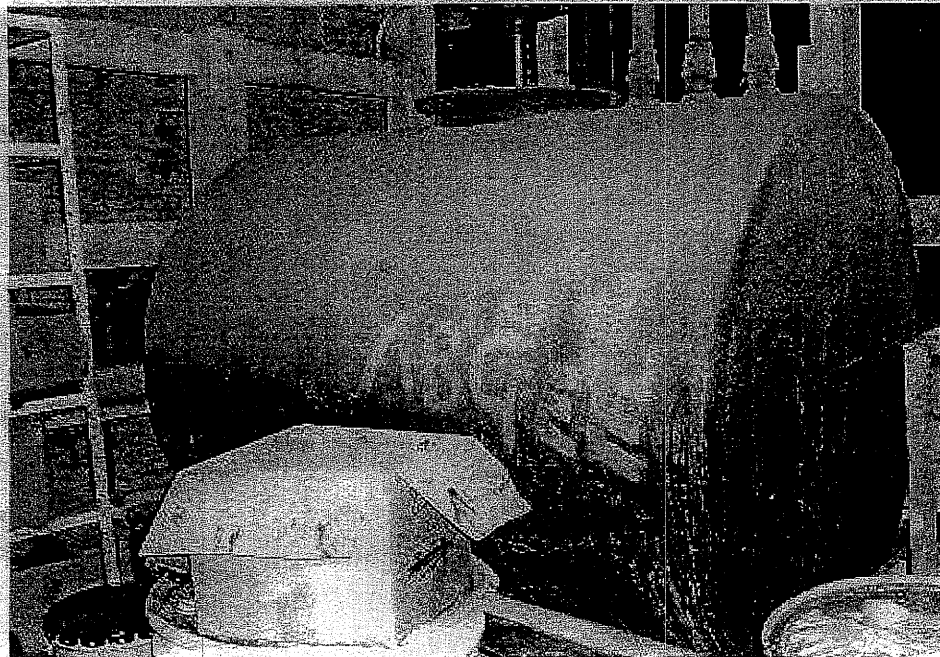
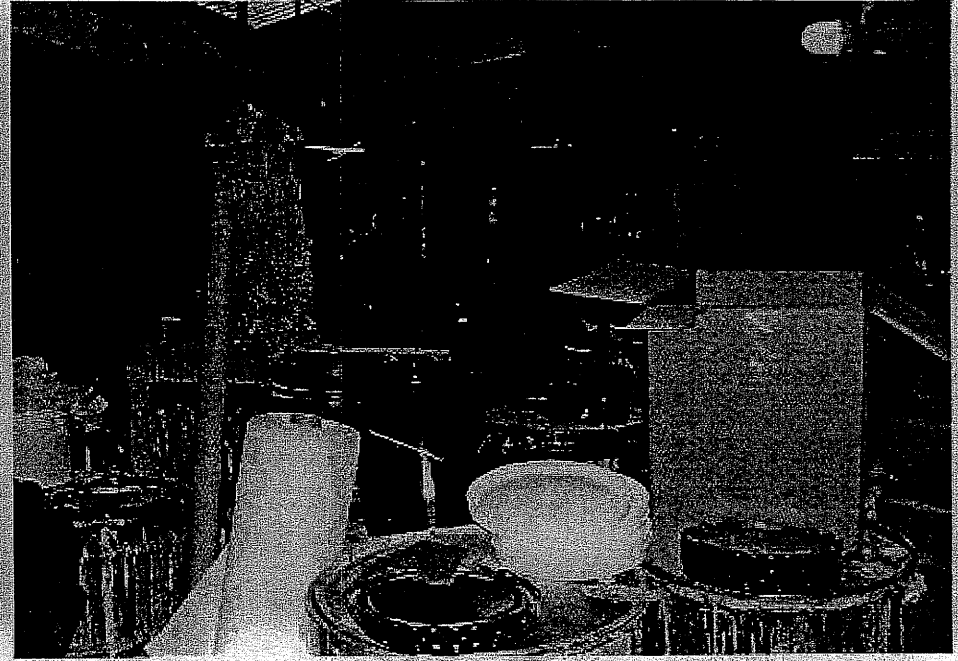
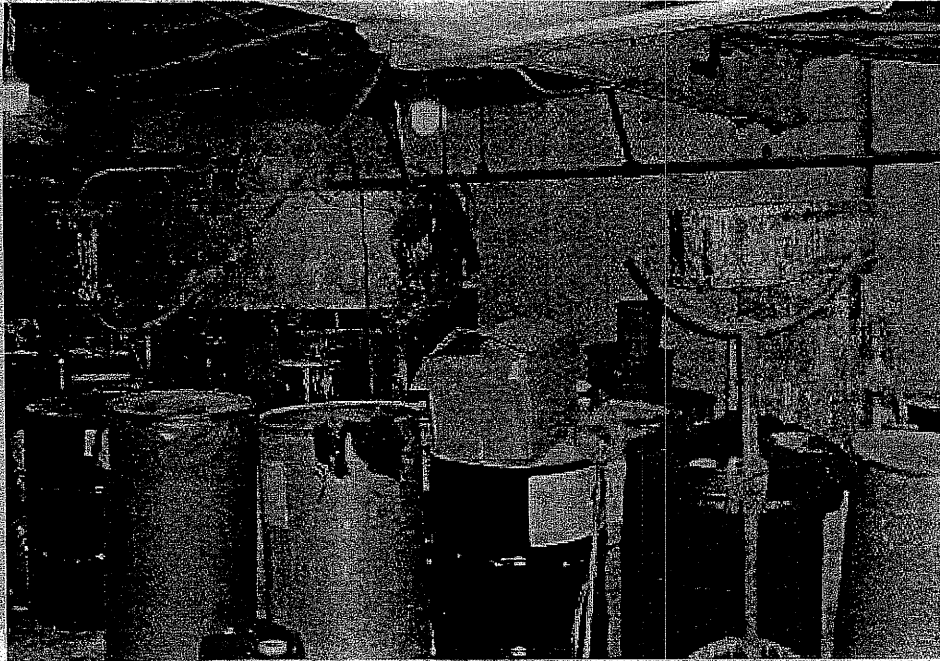






FINAL PRODUCT

VIEW TO SECOND FLOOR



TANK NOT IN USE

