

Solvents/EDC 1



Per/Tet Shutdown

June 1996

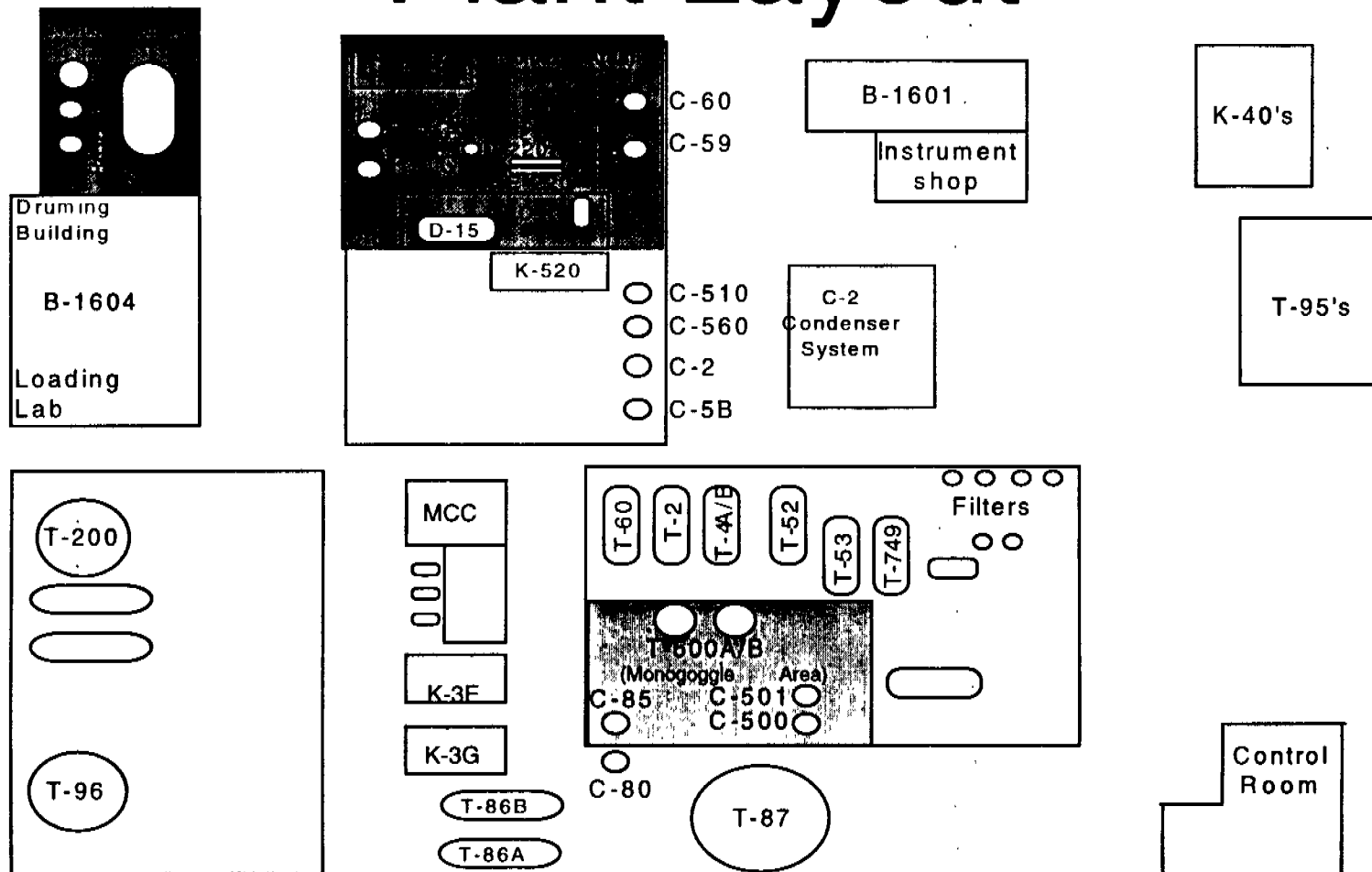
Plant Indoctrination



Agenda

- § Indoctrination Film and Test
- § Plant Layout
- § Hazardous Chemical Review
- § PPE Requirements
- § Decontamination Areas
- § HAZWOPER Jobs
- § Asbestos Gaskets
- § Review Recent Incidents

Plant Layout



Hazardous Chemical Review

<u>Chemical</u>	<u>Exposure Limit PPM</u>
Beta-Tri	10, Skin
Benzene	5, A1
Carbon Tetrachloride	2, Skin, A2
Cell Effluent	2 mg/m3
Chlorine	.5
Ethylene*	Asphyxiant
Ethylene Dichloride*	1
Hexachloroethane	1, Skin, A2
Hexachlorobenzene	.002, Skin, A2
Hexachlorobutadiene	.02, Skin, A2
Hydrogen Chloride	5 (C)
Methane*	Asphyxiant
Methylene Chloride	25
Perchloroethylene	25
Propylene Dichloride*	75
1,1,2,2 Tetrachloroethane	1, Skin



Hazardous Chemical Review

Hexachlorobenzene

- § White to orange color solid (crystalline).
- § No irritation to the eyes or skin. The material can be absorbed through the skin in amounts that are toxic.
- § The dust is easily inhaled.
- § Hexachlorobenzene will bio-accumulate.
- § Poor warning properties.
- § Exposure Limit .002 PPM



PPE Requirements

- § Per/Tet area has specific clothing and footwear requirements; for entry/work are galoshes/rubber boots and paper suit/plant issued clothing.
- § R-1C work will involve special procedures and area restrictions to control exposure and contamination.
- § All Plant-issued clothing must remain at the plant.



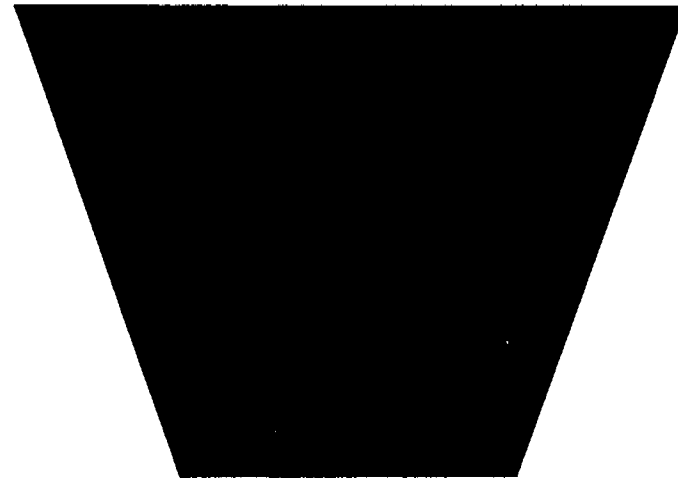
PPE Requirements

- § Contaminated PPE shall not be worn into control rooms, lunch rooms, office areas, etc.. Contaminated PPE should be removed before leaving the immediate work area.
- § All contaminated PPE that is intended for disposal must be disposed of in the designated container (Waste Type # 2485).



Decontamination Procedure

- § A boot wash is located in the containment area west of D-13.
- § R-1C area will have a bucket with soap and water and a brush for decontamination.





HAZWOPER Jobs

§ All work on D-13 and D-15 will require
HAZWOPER Training.



Asbestos Gaskets

- § Workers must be certified in asbestos gasket removal.
- § Asbestos gaskets must be wetted and placed in plastic bags when removed.
- § Asbestos gaskets will be placed in purple drums located in the work area.
- § Petrin will handle friable gaskets.



Recent Incidents

- § Line released to Craft for work had residual material.
- § When the intended flange was broken, section of lined dropped.
- § Material was released through open flange.
- § Plant developing procedure to address residual material in lines.
- § Craft developing procedure to address lines dropping after flange breaks.