

General Report No. 1786.

Individual Report No. 3.

Risk No. 9.

Risk: Car House and Wash Room.

Class: 1-B.

Location: N. High St. and Mock Road.

Owner and Occupant; The Columbus Railway & Light Co.

Date: May, 1909.

See Map No. 4.

SUMMARY.

A 1 story brick building used for car storage, washing and minor repairs. A small engine, gas fired boiler and two small generators have been installed and in the Summer season are used for lighting and power at the Olentangy Park nearby. The risk is only in fair repair, has an exposure from a small frame confectionery on the South, and has good public and fair private protection.

PROMINENTLY DESIRABLE FEATURES.

Building is of brick construction and only slightly exposed. Cars are of a substantial type and well kept up. There is private protection consisting of vertical pipe and hose system, chemical extinguishers and casks and pails, most of which however is not standard nor well kept up. Public fire protection is standard and night watchman reports by the A. D. T. system.

PROMINENTLY UNDESIRABLE FEATURES.

The building has an area over standard, frame partitions, non standard pits, and is not kept in the best repair. There is a small exposure South and the occupancy includes an engine, boiler, and generators for park lighting and power in the Summer season. This barn is usually stored full of cars and being of large area subjects rather large values to a single fire. The oil room is not effectually cut off, sawdust is used to absorb oil drippings in the pits, boiler is not cut off with division wall, car wiring is sub-standard and trolley poles not drawn down out of contact during the storage of cars; there is no cutout switch on the trolley wires and the building is heated where necessary by coal and gas stoves. Standpipes have not been located so as to be readily accessible to all parts of the risk and the hose is badly worn and in poor condition. Chemical extinguishers are not of approved type.

CONSTRUCTION.

A 1 story brick building 30 feet to the eaves. Area is 24,800 square feet. Walls are 16 inch brick with 22 by 24 inch piers 17 1-2 feet between centers. Roof is composition gravel laid on wooden sheathing, with wooden trusses rafters and posts supporting. Floors are brick or earth except in office section where they are matched flooring laid on joists. Pits are with concrete bottoms and sides and communicating; tracks are laid on wooden stringers and posts and the space between planked over. The oil house is divided off by a 12 inch wall extending 18 inches through the roof but has two door openings with non standard iron clad fire door. The section used for office and employes rooms, is partitioned off from the main room by brick wall to roof only. There are nine 6 by 10 sub-standard skylights in the roof.

EXPOSURES.

Exposure is on the South to a frame confectionery and lunch room at a distance of 20 feet

across the alley.

OCCUPANCY.

The building is occupied for car storage and wash room, employes rooms and office, light repairs such as the replacement of brake shoes car wiring etc., and in the Summer season a boiler and engine and a 30 K. W. 110 volt D. C. generator and a 75 K. W. 500 volt D. C. generator are used to generate current for lighting and power at Olentangy Park.

HAZARDS.

Heating is by a coal stove in the wash room and several gas stoves in the office which appear to be in safe condition. **Lighting** is electric with wiring in good condition. Generators for Park service are properly set but have **switchboard** and **wiring** in poor condition. The **boiler** is not cut off from the main room but it is gas fired. **Trolley wires** are properly supported on insulated hangers but have not been given sufficient clearance at the doors and are not provided with **cutout switch**. **Rails** are properly bonded. **Sawdust** is used in the pits to absorb oil drippings. The main supply is kept in an **oil room** not effectually cut off from main risk. There is one metal waste can in the wash room and **oily waste** is well cleaned up. The glazing has been destroyed in several of the rear windows and some rubbish was scattered about the floor so that fire could result from a lighted match carelessly thrown through the window. **Cars** are electric heated and lighted with wiring not standard. **Trolley poles** are not drawn down out of contact with the trolley but overhead switches are thrown.

ADMINISTRATION.

Employes appear competent there being three on duty days and two at night. The employes rooms are occupied and used by the car men. The upkeep of the property in general has not been quite what it should be, and considerable repairing should also be done to the fire protective equipment and in eliminating hazard.

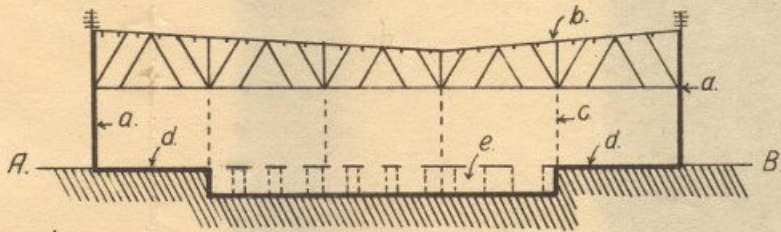
PROTECTION.

Private: Two 2 inch outlets vertical pipe and hose with 100 feet of 1 1/2 inch linen hose at each, both outlets being located near the front of the building and the hose badly worn and in poor condition; three water casks with two pails at each. Three chemical extinguishers of unapproved type, and nightwatch service with watchman reporting by A. D. T. system.

Public: Two double hydrants within easy reach one being immediately in front of the building, fire alarm box and public telephone in the office, with fire department and steamer five squares distant.

RECOMMENDATIONS.

1. Discontinue the use of sawdust in the pits, and reglaze the broken windows in the rear.
2. Provide cutout switch and line circuit breakers on the trolley wires.
3. Make car wiring standard and remove trolley poles from contact with trolley wires during the storage of cars.
4. Make switchboard and wiring, used with generating system for park service, standard.
5. Provide double standard fire doors for openings into oil room.
6. Replace worn out hose by new hose in not more than 75 foot lengths and install two additional outlets in the rear of building.
7. Replace unapproved chemical extinguishers by those of approved type and provide and distribute enough additional ones so that there are at least eight in all.



SECTION - A. B.

