

RECEIVED

FEB 16 1976

CITY OF NAPOLEON
ENGINEERING DEPT.

BY: L. W. T.

February 16, 1976

Mr. Norbert Bauman, Manager
Napoleon Warehouse, Inc.
P.O. Box 212
Napoleon, Ohio 43545

SUBJECT: SPRINKLER SYSTEM
ADDITION D AND D1

1175
Independence
Dr

Dear Mr. Bauman:

I have received a copy of a letter from Penninsular Sprinkler Co., Inc. written to Mr. Thomas W. Terranova, Building and Zoning Inspector, indicating the sprinkler system installed at the subject project was installed as per NFPA Standard No. 13 and tested and certified in accordance with the National Automatic Sprinkler and Fire Control Association, Inc. I have reviewed the drawing prepared by Penninsular Sprinkler Co. Inc. for the system installation and noted that Insurance Services Office of Ohio also reviewed and initialed the same drawing.

The review by Insurance Services Office of Ohio does not constitute compliance with the Ohio Building Code. Application for approval for the sprinkler system has not been made through the City of Napoleon Building Code Department, so the system has not been approved as to Conformance with OBC. The system does not meet the requirements of Chapter BB-25 of the Ohio Building Code. A waterflow alarm and supervisory signal system would have to be installed and transmitted to a signal reception system. The use of only the alarm valve in your system will not give the 24 hour supervisory service or assure you that the system is charged with water. During a telephone conversation I had with Insurance Services Office of Ohio, I was told they found the water turned off in some of the systems protected by an alarm valve. This would not happen in a system protected by a waterflow alarm.

We would be happy to work with you in any manner you felt we could be of help in achieving Conformance with the Ohio Building Code.

C
O
P
Y

Mr. Norbert Bauman, Manager
Page 2
February 16, 1976

The sprinkler system as installed will not hold up issuance
of the Certificate of Occupancy.

Very truly yours,



Robert C. Jones, P.E.
Chief Enforcement Official

RCJ:fbh

cc: City of Napoleon

C
O
P
Y

January 27, 1976

Napoleon Warehouse, Inc.
P. O. Box 212
Napoleon, Ohio 43545

Att: Mr. Norbert Bauman

Re: Issuing of Permanent Certificate of
Occupancy for Bldg. Addition D and D1

Dear Mr. Bauman:

Before I am authorized to issue the permanent Certificate of Occupancy I need a written reply for my letter of January 22, 1976 and from the company that installed the sprinkler system in building addition No. D and D1, (Bldg. Permit No. 279-75) to furnish a written statement to the effect that the work covered by its contract has been completed and tested in accordance with the approved specifications and plans. Also to so indicate the specific classification type of sprinkler system installed and as to what set of NFPA installation standards the system conforms to.

If you have any further questions, please feel free to contact me at the City Building or call phone number 592-4010.

Thank you for your cooperation.

Yours truly,

Thomas W. Terranova
Building & Zoning Inspector
Engineering Department

TWT/cv

cc: Pritam Arora
Robert Jones

NEW ADDRESS
5702 Opportunity Dr.
Toledo, Ohio 43612
Phone 476-9000

PENINSULAR
SPRINKLER CO. INC.

~~4349 TALMADGE ROAD, TOLEDO, OHIO 43621~~
~~AREA CODE 419-475-1301~~



February 2, 1976

RECEIVED

FEB 4 1976

CITY OF NAPOLEON
ENGINEERING DEPT.
BY: P.W.T.

City of Napoleon
Engineering Department
Napoleon, Ohio 43545

Re: Sprinkler System
Addition D and D1
Napoleon Warehouse, Inc.
Napoleon, Ohio

Attention: Thomas W. Terranova

Dear Sir:

We are answering your letter of January 27, 1976 to Norbert Bauman of the above company.

The Sprinkler System for the above addition is a Wet Pipe Sprinkler System installed as per NFPA Standard No. 13 and Plans were approved by Insurance Services Office of Ohio on September 23, 1975.

The Test was completed on December 18, 1975 and witnessed by Norbert Bauman. A copy of the Test Paper is enclosed.

Sincerely,

PENINSULAR SPRINKLER CO., INC.

Robert E. King
District Manager

REK:ja

Enc:

PENINSULAR SPRINKLER COMPANY

640 Ball, N.E.

GRAND RAPIDS, MICH. 49503

459-4641

SPRINKLER CONTRACTOR'S CERTIFICATE COVERING MATERIALS AND TESTS STANDARD FORM OF THE NATIONAL AUTOMATIC SPRINKLER & FIRE CONTROL ASSOCIATION, INC.

TO INSURANCE SERVICES OFFICE OF OHIO
(Name of Approving Body)

1880 DUBLIN-GRANDVILLE RD COLUMBUS OHIO 43216
(Street Address) (City) (State)

(This form properly executed, should be submitted to the Authority having jurisdiction when requesting inspection and approval of the completed sprinkler equipment. Sprinkler Contractor shall conduct all required tests in the presence of property or plant owner or representative designated by owner.)

INDUSTRIAL WAREHOUSE INC
(Name of Plant or Property Owner)

Location: _____
(Street Address) Columbus (City) Ohio (State)

Name of Contractor: Peninsular

SPRINKLER PLANS: Submitted for Acceptance? Yes _____ No _____

Accepted by INSURANCE SERVICES OFFICE OF OHIO
Organization

SPRINKLERS: Buildings Equipped 411 No. of Sprinklers (total) 411

Make Stor Type 1.5 B 1/2 Year 713

Are High-Temperature Sprinklers installed near Unit Heaters and over Hot Processes? Yes No _____

SPRINKLER ALARMS: What Buildings are Equipped 411

Number of Alarm Check Valves One Flow Indicators None

Give Maximum Time to Operate Through 1-in. System Test Valve _____ Min. _____ Sec. 15

All Alarms Left in Service? Yes No _____

DRY PIPE OR DELUGE VALVES: What Areas or Buildings are Controlled?

Number installed _____ Make and Model _____

How Many Quick Opening Devices Provided? _____

Were Approved Trimmings Provided, including Gauges, Auxiliary Drains, Alarms, etc.? Yes _____ No _____

Report of Test WITHOUT Quick Opening Device: Air Pressure _____ lbs. Water pressure _____ lbs.

Dry valve tripped at _____ lbs. in _____ Minutes _____ Seconds

Water at 1-inch system test valve _____ Minutes _____ Seconds

Report of Test WITH Quick Opening Device: Air pressure _____ lbs. Water pressure _____ lbs.

Dry valve tripped at _____ lbs. in _____ Minutes _____ Seconds

Water at 1-inch system test valve _____ Minutes _____ Seconds

Deluge System Control: Yes _____ No _____
Equipment: Pneumatic _____ Hydraulic _____ Electric _____

Has an accessible thermostat or other provided in each floor and for testing? Yes _____ No _____

Does deluge valve release operate from each circuit? Yes _____ No _____ Give maximum time _____ Min. _____ Sec. _____

Does deluge valve release operate from the manual trip and/or remote control station? Yes _____ No _____

Is installation of dry pipe or deluge equipment complete? Yes _____ No _____

Were system and alarm left in service? Yes No _____

REMARKS _____

UNDERGROUND PIPE AND FITTINGS: Type and Class Pipe Used Installed By OTHER

Type of Joint _____ Are All Fittings Properly Strapped or Backed? Yes _____ No _____

Have Proper Clearances been provided at Walls and Footings? Yes _____ No _____

HYDRANTS: Type and Make _____

Are all Hydrants Properly Set? Yes _____ No _____

Was Provision Made for Drainage? Yes _____ No _____ All Operate Satisfactorily? Yes _____ No _____

FLUSHING OF UNDERGROUND PIPING:

Where an outside underground piping system constitutes a part of an installation, such system shall be thoroughly flushed out under pressure at recommended flows through hydrants or blow-offs before connections are made to sprinkler risers.

Existing or new underground mains to inside sprinklers shall be flushed out thoroughly before connecting the sprinkler riser. A flow of at least 750 gallons per minute should be established in 6-inch lines, a flow of at least 1000 gallons per minute in an 8-inch line, a flow of at least 1500 gallons per minute in a 10-inch line, and a flow of at least 2000 gallons per minute in a 12-inch line. Where the supply will not produce the stipulated flow rate, at least the maximum flow available should be obtained by employing adequate discharge means.

Have mains for supply to new connections been thoroughly flushed in accordance with the sprinkler rules? Yes _____ No _____

How was flow obtained for flushing mains? Public water, tank or reservoir _____ Fire Pump _____

Through what type opening? Hydrant butt _____ Open pipe _____ (Size _____ inches) Other _____

Have lead-ins themselves been thoroughly flushed in accordance with the sprinkler rules? Yes _____ No _____

How was flow obtained for flushing lead-ins? Public water, tank or reservoir _____ Fire Pump _____

Through what type opening? Y-connections to flange & spigot _____ Open pipe _____ (Size _____ inches)

Other _____

TESTS: Has all new sprinkler piping and underground piping been hydrostatically tested? Yes No _____

Pressure 200 lbs. for 2 hrs.

Hydrostatic test should be made at not less than 200 lbs. for 2 hours or 50 lbs. above static pressure where static pressure is in excess of 150 lbs. In systems with differential dry-pipe valves the clappers should be left open during this test to prevent damage.

Underground mains should be tested before joints are covered. Care must be taken to expel all entrapped air and have the main completely full of water. The rate of leakage should be measured by pumping at the specified test pressure from a calibrated container into the section of pipe being tested.

Leakage should not exceed the following:

Pipe size	6 in.	8 in.	10 in.	12 in.	16 in.	20 in.		
Permissible leakage, qts. per 10 joints per hour			2-1/2	3-1/4	4	5	6-1/2	9-1/2
Pipe Size	6 in.	8 in.	10 in.	12 in.	16 in.	20 in.		
Number of Joints								

Total amount of leakage measured in _____ Hrs. _____ Gals. _____ Quarts _____

Dry System also tested at _____ lbs. Air Pressure. Air Pressure Loss in 24 Hrs. _____ lbs.

Air test should be made at 40 lbs. with loss not exceeding 1-1/2 lbs. in 24 hrs.

Pressure Tank tested at _____ lbs. for _____ hours.

Tests should be made at normal water level and air pressure with loss not exceeding 1/2 lb. in 24 hrs.

BLANK TESTING GASKETS: Number Used? None Where? _____

All Removed? Yes _____ No _____

CONTROL VALVES: Were all Valves Left Wide Open? Yes No _____

System Complete and Placed in Operation Yes 12/18/75
(Date)

INSTRUCTIONS: Has Person in Charge of Fire Equipment Been Instructed as to Location of Control Valves and care of this New Equipment? Yes No _____

Has a Copy of Instruction and Maintenance Chart been Left at Plant? Yes No _____

The information on this form has been examined, and the inspection and tests have been witnessed by:

Signed Tom Butch (Foreman)
(Name of Sprinkler Contractor)

Signed [Signature]
(for Property Owner)

Signed _____
(for Contractor)

Date 12-18-75

January 13, 1976

Mr. Norbert Bauman
Napoleon Warehouse, Inc.
P. O. Box 212
Napoleon, Ohio 43545

Dear Mr. Bauman:

I am in receipt of your letter of January 12, 1976 requesting for a Temporary Certificate of Occupancy for the 250' x 200' addition storage-warehouse building, located on 50 Industrial Drive, Building Permit No. 279-75. This Temporary Certificate of Occupancy expires February 3, 1976, upon which time, if additional time is required for the completion of the said mentioned addition, a written request explaining the circumstances must be submitted to the Engineering Department.

Upon completion of all installations, please notify the Engineering Department to conduct the final structural and electrical inspections. If the structure, equipment and appurtenances complies substantially with the Ohio Building Code, I will then be authorized to issue a permanent Certificate of Occupancy as perscribed in the City Zoning Ordinance No. 1104, Section 85.49. If you have any further questions please feel free to contact me at the City Building or phone 592-4010.

Yours truly,

Thomas W. Terranova
Building & Zoning Inspector
Engineering Department

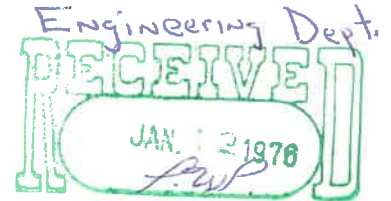
TWT/cv

cc: Mr. Pritam Arora
Mr. Robert Jones

NAPOLEON WAREHOUSE, INC.

P.O. BOX 212
Napoleon, Ohio 43545

January 12, 1976



City of Napoleon
Napoleon, Ohio 43545

Attention: Mr. Tom Terinova

Dear Mr. Terinova:

Our new warehouse is completed but we do not have all the final inspections. We would appreciate it if we could have a temporary occupancy permit until these inspections can be completed. After my conversation with you this morning, we feel this can be done in less than 3 weeks.

Very truly yours,

NAPOLEON WAREHOUSE, INC.



Norbert Bauman
Manager

NLB/jab