

ASSOCIATED SAFETY & CLAIMS SERVICES, INC.—NEW YORK

Company GAF Corporation

Location South Bound Brook, New Jersey

Date Inspected Tuesday, February 6, 1973

By Bernard P. Kelly - Mgr. Safety

INSPECTION REPORT and SAFETY RECOMMENDATIONS

This report confirms our safety visit and inspection on the above date. We met with Mr. Carl E. Schank and Mr. Vincent Rizzo. On the tour we were escorted by Mr. Rizzo, and resulting recommendations were reviewed with him at the conclusion of our tour.

A safety meeting was held under the direction of Mr. Rizzo. It was decided to again start formalizing safety meetings at this plant. We feel that the committee has a good start and would like to encourage the following items brought out during the meeting. The monthly safety meeting should contain:

- 1) A review of the prior month's accidents.
- 2) A report of a plant housekeeping and safety inspection committee.
- 3) Reports of departmental or foremen safety meetings.
- 4) Submission of a check list report on condition of fire fighting equipment to be read at each meeting by the fire equipment inspection committee.
- 5) Safety instruction to up-date and improve the knowledge of the committee.

This inspection reveals many violations in the plant, dealing with Federal Regulations, under section 1910.219, which is entitled "Mechanical Power Transmission Apparatus". It is suggested that this paragraph be copied and distributed to all persons in the Maintenance Department, supervisors and others working with guards. In Volume 202, the paragraph begins on page 22289 and continues through page 22293, which not only contains information as to the requirement of guards but paragraphs 'M' and 'O' give very specific and detailed information as to the construction and allowable materials for guards. Many of the recommendations on this report are a result of section (f), paragraphs (3) & (4), which deal with sprockets and chains, and openings for oiling. Section M(2)(i) deals with installation of guards. It is of particular importance that the Maintenance Department be aware of this section, as many of the guards throughout the plant are improperly fastened.

-continued-

MICH08703

ASSOCIATED SAFETY & CLAIMS SERVICES INC.—NEW YORK
• INSPECTION REPORT and SAFETY RECOMMENDATIONS

GAF Corporation
South Bound Brook, N.J.

February 6, 1973
Page -2-

The recommendations contained in this report represent substandard conditions which we observed during this visit. There might well be others which we did not observe, which could be the basis of a non-compliance citation at the time of an OSHA inspection. It is not intended that these recommendations cover all possible substandard conditions existing at this location at this particular time.

SAFETY RECOMMENDATIONS COMPLETED THIS PERIOD

73-1, 73-4, 73-5, 73-7, 73-10, 73-11, 73-14, 73-16, 73-17, 73-20, 73-21, 73-22, 73-25, 73-29, 73-30, 73-31, & 73-32.

SAFETY RECOMMENDATIONS STILL PENDING

~~73-2~~

The conduit pipe and plug at the concrete block wall, near the shingle loading dock should be repaired, as it has pulled away from the wall.

~~73-3~~

Color codes throughout the plant should be adhered to. Specifically noted were hand rails which were painted red. At the end of the wet line, in the Asbestos Department there is a red square of aluminum. This is directly in line with the chain drive of the vacuum stacker. The red color in position gives a false impression that it is a stop bar. Actually this is only an end guard for the chain.

~~73-6~~

Emergency water facilities should be provided for flushing and neutralizing spills near the battery charging areas for fork lift trucks. Previous OSHA inspections have given indication that a water hose will satisfy this regulation, provided it is in close proximity of the battery charging area.

~~73-8~~

Spring loaded safety clips should be installed on all hoist hooks. (K)

~~73-9~~

The walks over the conveyors to the shingle line should have the installation of mid-rails and toe boards, as these walks are in excess of 4' high and do present a hazard of material falling onto personnel, and additionally onto the finished product. C.2 - *already completed*

-continued-

MICH08704

ASSOCIATED SAFETY & CLAIMS SERVICES INC. - NEW YORK
INSPECTION REPORT and SAFETY RECOMMENDATIONS

GAF Corporation
South Bound Brook

February 6, 1973
Page -3-

- Considering the correction + change as a matter of fact part of same in use*
- ~~73-12~~ Oxygen and combustible gases, such as acetylene, should be separated by at least 20' or by a fire resistant wall 5' high and with a 1/2 hour fire rating. This recommendation refers to the Machine Shop, and all other locations where oxygen and other gases are stored. *initiated*
- ~~73-13~~ The Edlund drill press located in the Machine Shop should have the installation of belt and pulley guards. *completed*
- copy?* ~~73-18~~ The entire plant should use only safety signs of an approved design. These are covered in the Federal Register under 1910.145.
- ~~73-19~~ A permanent ladder should be installed on the Stiradovent to replace the portable ladder.
- copy?* ~~73-23~~ The open side of the equipment, located on the 2nd Floor of the large roofing line, should have the installation of the supplied enclosures. This presents a serious hazard of falls into the machinery on the 1st Floor.
- ~~73-24~~ The panic door latch, located on the emergency door of the 2nd Floor, northeast side, should be repaired as it is presently inoperable.
- ~~73-26~~ The fire extinguishers located in the shutter storage area, 2nd Floor, known as the T.N.A. Section, should be remounted. These extinguishers are too high, are blocked, and need a red panel or other approved means of identification.
- copy?* ~~73-27~~ In the T.N.A. Section the door leading to the office area should be unlocked, as it is required that there be two exits from this area. Additionally, "Exit" signs should be placed over the doors.
- ~~73-28~~ On the 1st Floor, small roofing line, the floor opening to the basement should have the reinstallation of top rail and middle rails, at the front opening.
- will his work be done?* ~~73-33~~ Stronger supervisory control should be exercised over the use of respirators in the Asbestos Areas. We understand that it is company policy that these respirators be worn here, and it was noted that only approximately 25% of the employees in this area were actually wearing them.

New Recommendations follow.....

[Signature]
-continued-

MICH08705

GAF Corporation
South Bound Brook

February 6, 1973
Page -4-

*Part 2
Rev Comm*

NEW SAFETY RECOMMENDATIONS THIS PERIOD

- 73-34 Padlocks should be replaced on two fork lift trucks. These padlocks are being used in lieu of ignition keys and they lock a truck into a neutral position, and thus it cannot be operated ~~unauthorizedly~~.
- 73-35 A standard hand rail should be installed on the automatic palletizer side of the conveyor crossover located near same.
- 73-36 The inside chain and sprocket drive to the conveyor system, located next to the turn leading into the automatic palletizer, has a guard which is presently attached with baling wire. This guard should be reattached to the machine in accordance with section 1910.219 of the Federal Register.
- 73-37 The chain and sprocket guard should be improved on the conveyor drive of the automatic shingle catcher. This unit ~~has~~ both sides of the chain and sprocket closed, ~~and~~ the guard covers only one side (done).
- 73-38 The guard on the back side of the automatic shingle catcher should be revised. The present system has a gate which allows the machine oiler to enter the area and close the gate behind him. Particular attention should be paid to section 1910.219f4 of the Federal Register which gives specific instructions on openings for oiling.
- 73-39 The access plates should be replaced on the roll winder.
- 73-40 A guard should be installed over the chain and sprocket drive for the hangar conveyor on the #1 & #2 machines roofing mill. Guards are needed at both start and finish sprockets.
- 73-41 Mid-rails should be installed on the catwalks of the #1 & #2 machines, roofing mill.
- 73-42 An approved electrical receptacle should be installed in place of the present two strands of wire connected to a half junction box. This unit comes out of the electric box on the wall next to the #1 machine and with controls labeled "elevator", the wire goes up to the ceiling, travels approximately 15' and drops down near the relay control panel, for the #1 machine.
- 73-43 The v-belt guard should be replaced on the grinder, which is located just inside the exterior door of the Machine Shop.

-continued-

MICH08706

ASSOCIATED SAFETY & CLAIMS SERVICES INC. — NEW YORK
INSPECTION REPORT and SAFETY RECOMMENDATIONS

GAF Corporation
South Bound Brook

February 6, 1973
Page -5-

73-44

~~73-44~~
~~73-45~~

The slicing machine, located in the Cafeteria, should have a permanent electrical connection, including a ground.

All electrical equipment in the Cafeteria should be reviewed for proper electrical grounding. Specific notations were made of the three refrigerators, located in this section.

~~73-46~~

Fire extinguishers in the plant should be reviewed for proper installation. References are made to OSHA 1910.157 and 1910.144, which indicate color codes. Extinguishers pointed out on this trip included those outside the conference room, Cafeteria, outside the personnel office, the stock room of the Maintenance Department, and the extinguisher located near the trim line, Asbestos Department.

73-47

~~73-47~~

Complete chain & Sprocket drive guards should be installed on the drive of the bulk weigh units of the Asbestos Department. These drives presently have one side guarded. However, the exposure is sufficient to warrant further guarding as well. *Asbestos - Chain guard*

~~73-48~~

The chain conveyor located on the trim line should have chain & sprocket guards installed at both the start and finish end. Construction should be in accordance with OSHA 1910.219.

~~73-49~~

A chain or other removable guard rail should be installed across the openings to the autoclaves. When the bridge plates are removed these units have a considerable drop. Persons falling off the edge could sustain serious personal injury.

~~73-50~~

The pedestal fan located between trim lines of the Asbestos Department should have the ground wire attached. The fan has, at present, the cover removed from the junction box and the ground wire is laying loose inside. The junction box cover should also be replaced.

~~73-51~~

The small paint stirring unit attached to the bucket on the asbestos coding line should be electrically grounded.

MICH08707