



PLAINTIFF'S
EXHIBIT
WV-05531

ENGINEERING REVIEW

DATE

☐ REFER TO WRITING OFFICE UNDERWRITER

INSURED Armstrong Contracting & Supply Corporation

MAIN OFFICE ADDRESS Lancaster, Pennsylvania

LOCATION (Project or Job) May Plant - Dupont, Camden, South Carolina

REPORT PREPARED BY: Herb Reinheimer

DATE: 9/3/68

AGENT Alexander & Alexander

 KEY PERSONNEL INTERVIEWED (Name and Title) B. T. Granard, Branch Manager
 Harold Bateman, Construction Superintendent

PLAINTIFF'S
EXHIBIT

12454.00

1. CURRENT OPERATIONS Fabrication and installation of asbestos and aluminum insulating materials over extensive industrial pipe systems, valves and fittings.

2. COMPENSATION, BODILY INJURY AND PROPERTY DAMAGE HAZARDS

a. Major Employee Hazards (Be specific): Falls, falling objects, inhaling of asbestos dust.

b. How are these being controlled? Use of tubular steel scaffolding with secure platforms and side rails "hard hats", wearing of safety shoes is required at this location, and use of a respirator filter by employees fabricating asbestos part

c. Bodily Injury and Property Damage Hazards (Be specific):

Not much hazard here.

d. How are these being controlled? Entire area is secured, and passes are needed to enter the premises.

3. NEW OPERATIONS

a. What new operations will start before your next visit? No change.

b. How will insured control Major Hazards anticipated? No change.

4. ACCIDENT DATA

Discussed with: Name B. T. Granard & Harold Bateman

a. Cumulative Summary from job starting date

Lost-time Accidents	0
Lost-time Days	0
Medical-only Accidents	5
Bodily Injury and Property Damage Accidents	0
Automobile Accidents	

Title Branch Mgr. & Construction Supt.

b. Predominating Cause(s):

1. Employees Unsafe working methods.

2. Bodily Injury and Property Damage

3. Automobile

5. SAFETY MEETINGS

a. Frequency of Supervisory Meetings Weekly

b. Conducted by: Name Harold Bateman, Const. Supt.

c. Date of last meeting August 29, 1968

d. Did subcontractors Representatives attend? Does not apply

e. Are meetings well-planned and conducted?

f. When did you last attend? Did not attend.

g. Describe frequency and nature of "Tool Box" meetings: Weekly, by six individual foreman.

Title

☐ Yes ☐ No☒ Yes ☐ No

DEFENDANT'S
EXHIBIT

472506

3. PROGRAM EFFECTIVENESS

Are you presently satisfied with scheduling, thoroughness and follow-up of insured in the following Loss Control Activities?

a. Accident Investigation	☒ Yes	☐ No	Use of Personal Protective Equipment	☒ Yes	☐ No
Necessary Action Taken	☒ Yes	☐ No	Equipment Operation and Maintenance	☒ Yes	☐ No
Job or Dept. Safety Inspections	☒ Yes	☐ No	Driver/Operator Selection & Training	☐ Yes	☐ No
Fire and Explosion Controls	☒ Yes	☐ No	New Employee indoctrination	☐ Yes	☐ No
Housekeeping Conditions	☐ Yes	☒ No			

b. Is insured's program effective? ☒ Yes ☐ No

c. If not, what are its weaknesses? (Be specific)

d. Have you submitted recommendations for improvement? ☐ Yes ☐ No e. When?

f. Were they discussed this visit? ☐ Yes ☐ No If yes, with whom?

g. What was his reaction?

4. RECOMMENDATIONS

a. Was copy of C-1488 left at location? ☒ Yes ☐ No

b. Was it necessary to submit recommendations to insured's headquarters? ☒ Yes ☐ No

(If "Yes", attach copy of Form C-212 to each copy of report)

c. List outstanding essential recommendations by number, date first submitted, with brief rewording

5. ASSISTANCE REQUIRED FROM ATNA LIFE AND CASUALTY HOME OFFICE

(Requisition Form AA-968 should be used when ordering Atna stocked booklets, posters, supplies)

None at this time.

Summary (answer in sufficient detail but do not repeat information above)

a. Management attitude and participation. Very good. Safety Program is allied with that of Dupont, and Dupont Safety Engineer, Mr. Hickman, accompanied upon this Safety Inspection.

b. What did you contribute this visit? Fabrication Shop--checked ventilation and control of waste, machine guarding, use of personal protective equipment. Inspected installation facilities--security of pipe systems being installed, scaffolds, ladders, protective equipment used.

c. Other items of special interest.

I was advised by Mr. Bateman and Mr. Hickman, Dupont Safety Engr., that in June 1968 tests had been made to determine the concentration of airborne dust particles in the asbestos fabrication shop. The samples were taken by a sampling device attached to the neck of an employee working with asbestos in the fabrication shop. A sample was sent to an independent laboratory for analysis and, according to Mr. Hickman, the results were excellent. Results of this test may be requested from Inglo Zeise, Assistant Construction Safety Superintendent, E. I. DuPont, Wilmington, Delaware.

Reviewed use of respirators and the specific type used with Mr. Bateman--dustfree ultra filter respirator, cartridge type "H"--mine safety appliances company.

Distribution ☒ Home Office ☐ Agent ☐ Writing Office -Baltimore

Insured ☒ (Name) J. E. Zeller, Supt. & Dist. Mgr.-Atlanta-tol Amsterdam Ave., Atlanta, Ga. 30306

W. B. Hoffreth, Ins. Mgr.

E. T. Granada, Branch Mgr. (Columbia)

Other ☒ (Name) Reading Engineering.

Atlanta Engineering,

Columbia Engineering.

DO NOT WRITE IN THIS SPACE

472501

Armstrong Contracting & Supply Corporation
Lancaster, Pennsylvania

DuPont Location (Ray Plant), Camden, S. C.

Herb Reinheimer

9/3/68

B. T. Grenade

- No. 1. Essential - Fabrication Shop. Asbestos airborne dust collected on the top of ventilating ducts and ledges should be periodically removed by cleaning with a vacuum. This will reduce the hazard of fine asbestos particles in the air in the fabrication shop area.
- No. 2. Desirable - Damage used to support pipe systems exiting insulation should be tied securely to the work horses (wooden). This will assist in preventing the pipe system from falling.