FIREMAN'S FUND AMERICAN INSURANCE COMPANIES

RECOMMENDATIONS FOR LOSS CONTROL

MR. W. SHEEHAN, PLANT MANAGER
DANA CORPORATION - VICTOR GASKET DIV.
CHICAGO HARD GASKET PLANT
5750 W. ROOSEVELT STREET
CHICAGO, ILLINOIS 60690

SURVEY WITH: A. Dieter, Chief Fac. Eng.

DATE
June 4, 1970
POLICY NUMBER
WP 116 19 519
AGENT OR BROKER
MARSH * McLENNAN
LOCATION INSPECTED
Chicago Hard Gasket Plant - Chicago
DATE INSPECTED
5-18-70

The recommendations outlined below were developed from a recent survey conducted by our Engineering Department. We believe you will find them helpful in creating a loss control program that will safeguard your employees and the public from accidental injury.

This is a REMINDER That our files are still open regarding these recommendations

R. Formentini

LOSS CONTROL RECOMMENDATIONS

Status for the previous recommendations of the previous report as as follows:

1.) The beater room in which the mixing operations of the Asbestos is conducted is cut-off from the remainder of the plant outside of the Asbestos Department by the closing of a three hour swing type fire doors when the beater room is in operations. All indications are that this is satisfactory in view of the previous practice of leaving these doors opened.

2.) A forced ventilation system has been provided for the Asbestos mixing vat area and the mixing vat enclosed so as to provide sufficient exhaust of Asbestos dust away from the breathing zone of the operator.

3.) At this time, insured does not feel that control of the humidity in the Asbestos department is necessary in view of the other improvements made with regard to dust control, ventilation, and input air.

4.) At this time insured does not feel that the use of a water spray to keep asbestos down is necessary in view of the forced ventilation exhaust system which has beeninstalled at the mixing operations.

5.) The use of inhalation masks by beatermen at all times while in the beater room is being enforced.

6.) The beater room is now being cleaned by vacuum in place of sweeping.

7.) Insured does not feel that moistening of scrap asbestos would be practical insofar as vacuuming is concerned. Mr. Dieters feels that the vacuuming does not create any outstanding dust problems.

(continued)

VPD-153-0002233

DANA-306

RECOMMENDATIONS (con t):

8.) An input air system as requested has been provided and the forced ventilation system in place is now operating sufficiently, so as to draw dust away from the operator's breathing zone both as shoulder level and floor level, in the bagging room.

9.) The bagging room is cut=off from the remainder of the plant by closing of fire doors of the type previously described. This is a big improvement over the operations of the bagging room with doors opened.

10.) The collector bags from the dust collectors which previously has been located adjacent to the bagging room has been removed and placed on the roof in a seperate pent house cut-off from the remainder of the plant.

11.) In view of the fact that dust collector bags has been removed from the inside of the plant, the recommendation regarding forced air exhaust of thedust collector bag room no longer applies.

12.) According to Mr. Dieter the current method of securing the burlap gas to the filler spouts of the bagging facility is satisfactory and he was surprised to hear that there have been occasions when the bags pulled loose from the course of filling. The filling spouts is provided with a selectorflapper valve so in the event a bag pulls loose, the flapper valve can be switched over to the adjacent bag. However, insured will have the asbestos department foreman take notes of how many times bags pull loose in the course of operations.

13.) Insured doesnot feel that the humidity control is necessary at this time in view of the other improvements made.

14.) A warning valve has been installed so that the baggers can signal the binding operator to cease sending material in the event of a problem in the bagging room.

15.) All employees in asbestos department are now required to wear inhalation masks at all times and use of such masks is enforced.

16.) The asbestos grindingoperation is located in a remot e corner of the grade level and according to insured this operations does not create dust which might travel into other work areas. This is a relative wet operation. The recommendation to cut off the grinding operation for the remainder of the plant is temporarily waived pending observation of this process in the future.

17.) Interlocking of the ventilation system with the grinding operations bag filling operations has not been done. Mr. Dieter felt that this would be rather complicated. But, also admitted that this would be looked into. In view of the fact that the collector bags have been removed from the operations area, the recommendation regarding the types of collector bags in use, replacement schedule, and the extent of which fine eminates from the collector bags is no longer of concern since these bags are now located out doors on the roof.

(continued)

RECOMMENDATIONS (con td):

18.) Insured obtained a type of inhalation mask with a bi-pass signal whereby the operator can tell when these filters are clogged and requires replacement. In addition spot checks are made of the filters whenever foremen or other members of managment come into thid department.

19.) In view of the infrequent and light use of the asbestos department Mr. Balkar has decided to have annual chest X-rays of all employees involv involved in asbestos operations. Previously, operations were scheduled for bi-annually but the shcedule was not maintained. The recommendation for semi-annual schedule for X-rays is temporarily waived in view of insured plan to have annual X-rays and insured's concern that asbestos operators have X-rays comparible to their exposure.

20.) The work duties of all employees currently and previously employed in the asbestos department are reviewed together with previous medical history as kept in file with the insured's accident and health insurance program.

RF:gb
6-29-70

CC: Mr. Lantz
G. Danke
E. F. Balkar
R. J. Kostuba
B. Basile

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August 11, 1970

Mr. B. R. Basile, General Manager
Victor Gasket Division
Dana Corporation
5750 West Roosevelt Road
Chicago, Illinois 60650

Dear Mr. Basile:

Victor Divisions
Dana Corporation
5806-14 W. Roosevelt Road
Chicago, Illinois

Enclosed are four copies of an F.I.A. re-inspection report dated June 16, 1970, covering the location as captioned, for your review and distribution.

In reviewing the report, it was noted that no new recommendations were offered as a result of the inspection. One outstanding recommendation from a previous report has been re-submitted for further consideration.

Should you have any questions, please do not hesitate to contact the writer.

Very truly yours,

MARSH & McLENNAN

R. W. Dougherty
Assistant Vice President

ML

cc: Mr. P. E. Glossop

Encl.

All Marsh & McLennan inspections and recommendations are purely advisory and for the purpose of assisting insureds in loss control and safety procedures and in reducing insurance costs. No responsibility for management and operation of loss control and safety procedures is assumed by Marsh & McLennan. Marsh & McLennan Field Representatives are not authorized to make physical tests of machinery.

VPD-153-0002236

INSPECTION REPORT
Conferred with
Mr. A. Dieter, Fac. Engr.

FACTORY INSURANCE ASSOCIATION
WESTERN REGIONAL OFFICE
300 WEST ADAMS STREET
CHICAGO, ILLINOIS 60606 (2074)

Property of Victor Divisions
Dana Corporation
5806-14 W. Roosevelt Road
Chicago (Cook Co), Illinois

7 SID
CONFIDENTIAL
This report should be made available only to authorized persons.

File No. 47841
Key File No. W-30298
By R.A. Huckfeldt
Date June 16, 1970 Hrs. 1

SPRINKLERS: None adequate.
VALVES: sealed.
WATERFLOW ALARMS:
SUPERVISORY COVERS:
PLANT OPERATION: 5 days, 7am to 4pm
WATCHMAN SERVICE: Is satisfactory.
ROUNDS: Hrly.nights & idle days. Portable clock from main plant
PORTABLE FIRE EQUIPMENT: Is adequate.
RECORDED SELF-INSPECTIONS: None
PRIVATE FIRE BRIGADE: None
PUBLIC FIRE DEPT: Good-Paid
WATER SUPPLIES: None

IMPAIRMENT NOTIFICATION: RED TAGS USED?
WELDING & CUTTING: Good TAGS USED? Yes
ELECTRICAL EQUIPMENT: Good
MAINTENANCE: Good
CLEANLINESS: Good
SMOKING: Is controlled.
NATURE OF RISK: Garage
PRODUCT: Executive parking
CONSTRUCTION: 1 Sto. & part bsmt., 100% plank on timber conc. fl. mas. walls
FIRE DIVISIONS: Normal
SPECIAL HAZARDS: None
HIGH PILING (ft.): None PROTECTED:

If there are any questions concerning the recommendations on this report or you have alternate solutions for them, please contact us.

RECENT CHANGES AND COMMENTS

Recommendation 68-3 (smoking regulations) has been complied with.

INSPECTOR'S RECOMMENDATIONS
NEW RECOMMENDATIONS - None

RECOMMENDATIONS CONTINUED FROM PREVIOUS REPORT

67-1. Provide approved automatic sprinkler protection throughout the premises. Supply the sprinkler protection by means of a properly valved and fire department connection equipped 8" connection to at least an 8" city water main in Roosevelt Rd. Provide local waterflow alarms and tie in alarm to local annunciator board at the main plant across the street. Complete working plans and specifications covering this installation should be submitted to F.I.A. for review and approval prior to installation.

(70-0)
qn

WATER SUPPLIES	TEST RESULTS					
	G.P.M.	Flow Location	Static	Resid.	Pres. Location	Tested:
City water not connected	2660	St.Hydt.	45	44	St.Hydt.	1967 SAF
Fire Dept. Conn. None		(12,500 sq. ft. 10/69)				Highest Spr. ft

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N-20-S CO. 6-68

VPD-153-0002237

FACTORY INSURANCE ASSOCIATION
WESTERN REGIONAL OFFICE
300 WEST ADAMS STREET
CHICAGO, ILLINOIS 60606 (2074)

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File No. 47841
Key File No. W-30298
By R.A. Huckfeldt
Date June 16, 1970 Hrs. 1

SPRINKLERS:	None adequate.	IMPAIRMENT NOTIFICATION:	RED TAGS USED?
VALVES:	sealed.	WELDING & CUTTING:	Good TAGS USED? Yes
WATERFLOW ALARMS:		ELECTRICAL EQUIPMENT:	Good
SUPERVISORY COVERS:		MAINTENANCE:	Good
		CLEANLINESS:	Good
		SMOKING:	Is controlled.
PLANT OPERATION:	5 days, 7am to 4pm	NATURE OF RISK:	Garage
		PRODUCT:	Executive parking
WATCHMAN SERVICE:	Is satisfactory.	CONSTRUCTION:	1 Sto. & part bsmt., 100% plank on timber conc. fl. mas. walls
ROUNDS:	Hrly.nights & idle days. Portable clock from main plant		
PORTABLE FIRE EQUIPMENT:	Is adequate.	FIRE DIVISIONS:	Normal
RECORDED SELF-INSPECTIONS:	None	SPECIAL HAZARDS:	None
PRIVATE FIRE BRIGADE:	None		
PUBLIC FIRE DEPT:	Good-Paid		
WATER SUPPLIES:	None	HIGH PILING (ft.):	None PROTECTED:

If there are any questions concerning the recommendations on this report or you have alternate solutions for them, please contact us.

RECENT CHANGES AND COMMENTS

Recommendation 68-3 (smoking regulations) has been complied with.

INSPECTOR'S RECOMMENDATIONS
NEW RECOMMENDATIONS - None

RECOMMENDATIONS CONTINUED FROM PREVIOUS REPORT

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H-20-8 CO. 6-68

VPD-153-0002238

INSPECTION REPORT
Conferred with
Mr. A. Dieter, Fac. Engr.

FACTORY INSURANCE ASSOCIATION
WESTERN REGIONAL OFFICE
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File No. 47841
Key File No. W-30298
By R.A. Huckfeldt
Date June 16, 1970 Hrs. 1

SPRINKLERS: None adequate.
VALVES: sealed.
WATERFLOW ALARMS:
SUPERVISORY COVERS:
PLANT OPERATION: 5 days, 7am to 4pm
WATCHMAN SERVICE: Is satisfactory.
ROUNDS: Hrly.nights & idle days. Portable clock from main plant
PORTABLE FIRE EQUIPMENT: Is adequate.
RECORDED SELF-INSPECTIONS: None
PRIVATE FIRE BRIGADE: None
PUBLIC FIRE DEPT: Good-Paid
WATER SUPPLIES: None

IMPAIRMENT NOTIFICATION: RED TAGS USED?
WELDING & CUTTING: Good TAGS USED? Yes
ELECTRICAL EQUIPMENT: Good
MAINTENANCE: Good
CLEANLINESS: Good
SMOKING: Is controlled.
NATURE OF RISK: Garage
PRODUCT: Executive parking
CONSTRUCTION: 1 Sto. & part bsmt., 100% plank on timber conc. fl. mas. walls
FIRE DIVISIONS: Normal
SPECIAL HAZARDS: None
HIGH PILING (ft.): None PROTECTED:

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RECENT CHANGES AND COMMENTS

Recommendation 68-3 (smoking regulations) has been complied with.

INSPECTOR'S RECOMMENDATIONS
NEW RECOMMENDATIONS - None

RECOMMENDATIONS CONTINUED FROM PREVIOUS REPORT

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N-20-8 ED. 6-68

VPD-153-0002239

INSPECTION REPORT

Conferred with
Mr. A. Dieter, Fac. Engr.

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RECENT CHANGES AND COMMENTS

Recommendation 68-3 (smoking regulations) has been complied with.

INSPECTOR'S RECOMMENDATIONS
NEW RECOMMENDATIONS - None

RECOMMENDATIONS CONTINUED FROM PREVIOUS REPORT

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