

FILE NAME: John Crane (JC)

DATE: 1985 Mar 1

DOC#: JC025

DOCUMENT DESCRIPTION: Ontario Inspection Results



Ontario
Ministry of
Labour

Ministère
du Travail
de l'Ontario

Occupational
Health
Branch

Direction
de la santé
au travail

Consultant Field Visit Report
Rapport de la visite sur les lieux de travail

2630-

Date 85 03 01		From/De A. E. Shaw, RN, PHN, BA, COHN, CCOHN Nursing Consultant	
I.H.S.B. File No./Dossier D.S.S.I. N°		I.H.S.B. Region No./Region D.S.S.I. N°	O.H.B. File No./Dossier D.S.T. N° 85 A 073 NOB Company No.: 002 635
Plant/Usine John Crane Canada Inc. (Formerly Crane Packing Company Ltd.)		Date of Request/Date de la demande 85 01 10	
Address/Adresse 423 Green Road North Stoney Creek, Ontario L8E 3A1 MAILING ADDRESS: Box 3 248 Stn. C Hamilton, Ontario L8H 7L3		Requested by/Demande par O.H.B.	
		Accompanied by/Accompagné par N/A	
Contacts/Personnes contactées Mr. R. Mellikow, Plant Manager Mr. K. Dawson, Chairman, Health and Safety Committee Telephone: (416) 662-6191		Date of Visit/Date de la visite 85 02 22	
		Copies to/Copies à I.H.S.B. (5) O.H.B. - Toronto O.H.B. - Hamilton M. Godin, Senior Nursing Consultant	
Hazard/Risque Lead Asbestos			

Abstract/Sommaire des résultats

This visit was made at the request of O.H.B. to audit the company's medical surveillance programs for lead and asbestos.

Advice to Management and the Health and Safety Committee:

Given in this report.

Advice to I.H.S.B.:

Given in this report.

COMPANY 002 635

O.H.B. VISIT # 85 A 073 NOB VISIT DATE 85 / 02 / 22
YR. MO. DAY

MEDICAL STAFF

TITLE/INITIALS/LAST NAME

P.T.
F.T.
CONS.

QUALIF.

CORP.
PHYSICIAN

PLANT
Dr. F. Shapiro
Wilson Medical Clinic
136 Wilson Street
Hamilton L8R 1E2
(416) 526-6250

P.T.

CORP.
NURSE

PLANT
N/A

CORP.
OCCUPATIONAL
ENVIRONMENTALIST

N/A

PLANT
Plant Engineer

F.T.

MEDICAL FACILITIES

NUMBER

REMARKS, TYPE, ETC.

HEALTH CENTRE

FIRST AID ROOM

FIRST AID BOX

3

Qualified First-aid Attendants.

SPIROMETER

VISION TEST EQUIPT.

AUDIOMETRY BOOTH

DATE OF LAST CALIBR:

AUDIOMETER

OTHER (SPECIFY)

COMPANY 002 635 O.H.B. VISIT 85 A 073 NOB VISIT DATE 85/02/22 YR. MO. DAY			
SUBSTANCE/PHYSICAL AGENT Lead		CODE	
NUMBER OF WORKERS UNDER SURVEILLANCE 6 males		DESIGNATED YES	
	CYCLE IN MO.	IN-HOUSE/AGENCY/LAB. ADDRESS	TYPE OF TEST/ANALYTE
PRE-PLACEMENT PHYSICAL		Dr. F. Shapiro 136 Wilson Street Hamilton, Ontario L8R 1E2 (416)526-6250	General and Target
PERIODIC PHYSICAL	12	Dr. F. Shapiro In-house	Target
PERIODIC QUESTIONNAIRE			
SPIROMETRY			
X-RAY			
BLOOD	6	Dr. F. Shapiro Occupational Health Lab O.M.L. - 101 Resources Road Weston, Ont. M9P 3T1 (416) 248-7261	Lead
URINE			
OTHER(SPECIFY) X-ray Audiogram PFT		Pre-placement - Dr. F. Shapiro Wilson Medical Clinic, Hamilton	
REMOVAL POLICY	WRITTEN	VERBAL	M.O.L. NOTIFIED YES NO N.A.
HEALTH EDUCATION FOR THE SUBSTANCE/ PHYSICAL AGENT	PROGRAM	CYCLE(MO.)	PROGRAM INSTRUCTION
	PERSONAL INSTRUCTION	12	PERSONAL HYGIENE YES NO X
	GROUP INSTRUCTION		SMOKING HAZARD X
	AUDIOVISUAL INSTRUCTION		PREGNANCY HAZARD N/A
	SEMINARS		HEALTH HAZARD X PROTECTIVE EQUIP. X
EXPOSURE RECORDS	LOCATION: Area and Personal Mr. R. Mellikow COPY TO PHYSICIAN YES NO		
MEDICAL RECORDS	LOCATION: Dr. F. Shapiro SAMPLE COMPLETE :YES NO NOT SEEN		CONFIDENTIALITY MAINTAINED YES NO

COMPANY#002 635		O.H.B. VISIT #85 A 073 NOB		VISIT DATE 85/02/22 YR. MO. DAY																		
SUBSTANCE/PHYSICAL AGENT Asbestos		CODE																				
NUMBER OF WORKERS UNDER SURVEILLANCE 15		DESIGNATED <u>YES</u>																				
	CYCLE IN MO.	IN-HOUSE/AGENCY/LAB. ADDRESS			TYPE OF TEST/ANALYTE																	
PRE-PLACEMENT PHYSICAL		Dr. F. Shapiro Wilson Medical Clinic 136 Wilson Street Hamilton L8R 1E2 (416) 526-6250			General And Target																	
PERIODIC PHYSICAL	12	Dr. F. Shapiro In-house																				
PERIODIC QUESTIONNAIRE																						
SPIROMETRY	24	Chest Service M.O.L. and Dr. F. Shapiro Wilson Medical Clinic 136 Wilson Street, Hamilton																				
X-RAY	24	Dr. F. Shapiro Wilson Medical Clinic 136 Wilson Street, Hamilton			P/A																	
BLOOD																						
URINE																						
OTHER(SPECIFY)																						
REMOVAL POLICY	WRITTEN VERBAL M.O.L. NOTIFIED <u>YES</u> NO N/A																					
HEALTH EDUCATION FOR THE SUBSTANCE/ PHYSICAL AGENT	PROGRAM	CYCLE(MO.)	PROGRAM INSTRUCTION																			
	PERSONAL INSTRUCTION GROUP INSTRUCTION AUDIOVISUAL INSTRUCTION SEMINARS	12	<table border="1"> <tr> <td></td> <td>YES</td> <td>NO</td> </tr> <tr> <td>PERSONAL HYGIENE</td> <td>X</td> <td>---</td> </tr> <tr> <td>SMOKING HAZARD</td> <td>X</td> <td>---</td> </tr> <tr> <td>PREGNANCY HAZARD</td> <td>N/A</td> <td>---</td> </tr> <tr> <td>HEALTH HAZARD</td> <td>X</td> <td>---</td> </tr> <tr> <td>PROTECTIVE EQUIP.</td> <td>X</td> <td>---</td> </tr> </table>				YES	NO	PERSONAL HYGIENE	X	---	SMOKING HAZARD	X	---	PREGNANCY HAZARD	N/A	---	HEALTH HAZARD	X	---	PROTECTIVE EQUIP.	X
	YES	NO																				
PERSONAL HYGIENE	X	---																				
SMOKING HAZARD	X	---																				
PREGNANCY HAZARD	N/A	---																				
HEALTH HAZARD	X	---																				
PROTECTIVE EQUIP.	X	---																				
EXPOSURE RECORDS	LOCATION: Mr. R. Mellikow COPY TO PHYSICIAN YES <u>NO</u>																					
MEDICAL RECORDS	LOCATION: Dr. F. Shapiro-- SAMPLE COMPLETE :YES NO <u>NOT SEEN</u>			CONFIDENTIALITY MAINTAINED <u>YES</u> NO																		

Comments:

John Crane Canada Inc., formerly Crane Packing Company Limited, is a manufacturer of sealing products. This head office for Canadian operations employs 118; 51 of whom are hourly rated. The union is the United Steelworkers of America, Local 6049.

Topics discussed with Messrs. Mellikow and Dawson:

(i) Lead - Medical surveillance program:

The company has conducted an assessment and determined that occupational exposure to lead may be a potential health hazard in the Packing Department. Lead powder is used in the mixer; 400 lbs/day for two weeks every four months.

The lead control program includes a medical surveillance program under the direction of Dr. F. Shapiro, Wilson Medical Clinic, Hamilton. In addition to pre-placement medicals, target periodic medical examinations are conducted every 12 months in-house by Dr. Shapiro. Blood leads are monitored every six months. The worker and employer are being advised regarding the interpretation of the results of the examination. The health and safety committee are not receiving the results of the clinical monitoring.

The regulation does not stipulate who shall be the examining physician. If an employee chooses to be examined by his personal physician, he may do so. The employer should provide the physician with a copy of the exposure records of the worker. The examining physician must advise the joint health and safety committee on a confidential basis in writing of the results of clinical tests (blood lead), along with an opinion as to how these tests should be interpreted.

A health education program has been established. No eating, drinking or smoking is allowed in the area.

(ii) Asbestos - Medical Surveillance Program:

The company has assessed that asbestos exposure may occur in the Packing and Warehouse area. The control program includes a medical surveillance program under the direction of Dr. F. Shapiro. In addition to pre-placement medical examinations, a periodic medical including a chest x-ray and PFT is conducted. The health educational program advises the workers of the hazards from asbestos and smoking.

Messrs. Mellikow and Dawson stated there are plans to delete asbestos from the plant by August 1985.

John Crane Canada Inc.
Stoney Creek, Ontario
O.H.B. #85 A 073 NOB

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Advice to Management and the Health and Safety Committee:

1. That the employer provide the examining physician(s) with a copy of the exposure records of workers.
2. That the examining physician(s) be consulted regarding the requirement of advising the health and safety committee on a confidential basis of the results of the clinical tests, along with a written opinion as to how these tests should be interpreted

Advice to I.H.S.B.:

Orders suggested to be issued under the Regulation respecting Lead -
made under the Occupational Health and Safety Act.
Section 14(2)
Section 16(3)



A. E. Shaw, RN, PHN, BA, COHN, CCOHN
Nursing Consultant
Medical Services
Occupational Health Branch
Hamilton

AES:kl