

FILE NAME: JC

DATE: 1986 Apr 11

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Date 86 04 11	From/De O. Martyniuk, RN., B.ScN. Comp # 002635	
Branch, Reference/File No. Numéro de dossier ou de référence de la direction	Request No./Demande n°	Visit No./Visite n° 86 B 392 NOB
Employer/Constructor/Owner/Employeur, Constructeur ou Propriétaire John Crane Canada Inc.	Date of Request/Date de la demande 86 02 24	
Address/Adresse 423 Green Road North Stoney Creek, Ontario L8E 3A1 Mailing Address; Box 3 248 Stn.C Hamilton, Ontario L8N 7L3	Requested by/Demande par OHB	
	Accompanied by/Accompagné par -----	
Contacts/Personnes contactées Mr. R. Mellikow, Plant Manager Mr. K. Dawson, Chairman, Health and Safety Com. Telephone: (416) 662-6191	Date of Visit/Date de la visite 86 04 03	
Defects and/or Hazard/Problèmes ou risque Lead Noise	Copies to/Copies à IHSB (5) OHB Hamilton ✓ OHB Toronto ✓ M. Godin, Senior Nursing Cons.	

Abstract/Sommaire des résultats

This visit was made to audit the medical surveillance program for lead exposed workers. Noise in the workplace was also reviewed.

The initial audit for lead was made 85 02 22 OHB File No. 85 A 073 NOB by Mrs. A. Shaw, Nursing Consultant.

The present medical surveillance program for lead needs to be upgraded to meet the requirements of the Regulation respecting Lead.

Asbestos has been deleted from the plant since August 1985. Medical surveillance for previous asbestos exposed workers is in place, and is to continue until 1995.

Advice given to Management, Joint Health and Safety Committee and IHSB.



Ontario
Ministry of
Labour

Ministère du
travail de
l'Ontario

Occupational Health Branch
Direction de la santé
au travail

Nursing Consultant's Report
Rapport de l'infirmier(ère) consultant(e)

-2-

Company No. No de Compagnie			O.H.B. Visit No. No de visite D.S.T.			Visit Date (Y/M/D) Date de la visite (A/M/J)		
002635			86 B 392 NOB			86 04 03		
Medical Staff Personnel Médical	Title Titre	Initials Initiales	Last Name or Agency Name Nom ou nom de l'agence			PT. (Hr. Mo) FT Cons. TP (hres./ mois) PT. Int. Consult.	Qualifications Qualifications	
Physician Médecin	Corp. Cie							
	Plant Usine	Dr.	F.	Shapiro Wilson Medical Centre 136 Wilson St. Ham. Ont.		P.T. 2 x year		
Nurse Infirmière	Corp. Cie							
	Plant Usine							
Occup. Environ- mentalist Spécialiste de l'environnement Professionnel	Corp. Cie							
	Plant Usine	Mr.	A.	Giacconelli, P.Eng.,		F.T.		
Medical Facilities Installations Médicales	Number Nombre	Remarks, Type, etc. Type, Remarques, etc.						
Health Centre Centre Médical								
First Aid Room Salle de premiers soins	1	Rest bed; adequate first-aid supplies; sink washrooms nearby.						
First Aid Box Trousse de premiers soins	3	Located in plant; adequate supplies; certified first-aid attendants (16); two employees have CPR.						
Spirometer Spiromètre								
Vision Test Equip. Équip. d'examen de la vue								
		Type Type	Make/Model Marque/Modèle			Date of Last Calibr. Date du dernier calibrage		
Audiometer Audiomètre								
Audiometry Booth Cabine d'audiométrie								
Other (Specify) Autre (Spécifier)								

Company No. NO de compagnie	O.H.B. Visit No. NO de visite D.S.T.	Visit Date (Y/M/D) Date de la visite (A/M/J)
002636	86 B 392 NOB	86 04 03

Substance/Physical Agent Substance/Agent Physique	Code Code
Lead	

Approx. No. of Workers under Surveillance Nombre approximatif d'employés sous surveillance	Designated Designé
13 (male)	Yes ☒ Oui No ☐ Non

	In-House Agency Agence Interne	Position or Agency/Lab Name, City Poste ou nom de l'agence/laboratoire et ville	Cycle in Mo. Cycle en mois	Type of Test Nature du test substance d'analyse
Pre-Placement Physical Examen avant le placement	A	Dr. F. Shapiro Wilson Medical Centre Hamilton, Ontario	ASAP	General and target areas
Periodic Physical Examen périodique	A	Dr. F. Shapiro	6-12	Target areas
Periodic Questionnaire Questionnaire périodique				
Spirometry Spirométrie				
X-ray Radiographie				
Blood Sang	A	Dr. F. Shapiro Wilson Medical Centre Hamilton, Ontario	ASAP 6-12	Lead
Urine Urine				
Other (specify) Autre (spécifier)	A	Dr. F. Shapiro Wilson Medical Centre Hamilton, Ontario	ASAP ASAP; ASAP; 24	Audiogram Pulmonary Function Chest (PA)
Removal Policy Directives d'élimination		M.O.L. Notified M.D.T. prévenu		
Written ☒ Écrites	Verbal ☐ Verbales	Yes ☒ Oui	No ☐ Non	N.A. ☐ SO

Health Education For the Substance Physical Agent Conseils d'hygiène	Poster/Leaflet Yes ☐ Oui	Affiche/brochure No ☐ Non	Program Instruction Programme d'information	
	Program	Cycle (Mo.)	Programme	
	Personal	ASAP; 1 (Mo)	Individual	Personal Hygiene Y/N/O/N/M ☒
	Group		Groupe	Smoking Hazard ☒
	Audiovisual		Audiovisuel	Pregnancy Hazard ☒
	Seminars		Séminaires	Health Hazard ☒
Exposure Records Rapports d'exposition	Location Lieu	Mr. R. Mellikow's Office	Copy to Physician Copie au médecin	Yes ☐ Oui No ☒ Non
Medical Records Rapports Médicaux	Location Lieu	Dr. F. Shapiro Wilson Medical Centre	Seen ☐ Yes Not Seen ☒ Pas Seen ☒ Yes	Confidentiality Maintained Confidentiels Yes ☒ Oui No ☐ Non

Codes ASAP - As Soon As Possible
NDC - No Defined CycleCodes APT - Au plus tôt
SCD - Sans cycle défini

General Information:

- (1) There are approximately 132 employees at this location, with 52 in the production area.
- (2) Pre-employment medical examinations are carried out on all the company employees. Clinical tests such as baseline audiograms, pulmonary function tests and chest x-rays are included in the initial medicals.
- (3) The medical surveillance program for lead consists of 13 workers: 3 are exposed to the raw material/end product (warehouse, shipping area); 2 are involved in the lead mixing operations and the other workers are located in the immediate surrounding area.
- (4) Asbestos is no longer present in the workplace as of August, 1985. Medical surveillance for the 13 workers previously exposed to asbestos is to continue for ten (10) years, until 1995.

Those 13 workers are presently the same workers referred to in the lead control program.

Comments:

- (1) The Code for Medical Surveillance under the Regulation respecting Lead was discussed under the following headings:
 - pre-employment and pre-placement medical examinations
 - periodic medical examinations
 - clinical tests,
 - health education, and
 - record keeping
- (2) The components of the medical surveillance program are outlined in the written lead control program.
- (3) The initial medical and occupational history should include enquiry for previous or present exposure to lead (both occupational and non-occupational).
- (4) The periodic medicals are directed to those systems affected by lead and asbestos.
- (5) Provisions of Section 14 of the Lead Regulation were reviewed. Mr. Melikow indicated that the previous air sampling survey for airborne lead was carried out about three years ago. Lead usage has decreased since the previous survey.
- (6) The examining physician advises the employer of the workers fitness without disclosing to the employer the results of the examinations or tests.
- (7) The MOL Occupational Health Laboratory in Weston, Ontario carries out the clinical analysis of blood lead tests.

Copies of the blood lead analysis are provided to the joint health and safety committee by the examining physician. These clinical results are maintained in a secure place by Mr. K. Dawson.

(8) Components of the health education program were discussed.

(9) Other Topics Discussed: Occupational noise .

Present noise reading are above 90dB in some areas of the machine shop. Signs are posted in appropriate areas. Hearing protection (Bilson #5521 Ear plugs; Safeco Ear Muffs) are worn on a voluntary basis.

Plans for initiating a hearing conservation program are in the early stages of development. Mr. Mellikow indicated that approximately 35 workers are likely to be in the program.

Components of a hearing conservation program were outlined.

Advice to Management and Joint Health and Safety Committee.

(1) The records of the exposures of each worker to airborne lead must be maintained by the employer as outlined in 14(1) of the Lead Regulation.

(2) A copy of each worker's exposure records to airborne lead should be provided by the employer to the physician who examines the worker to comply with Lead Regulation, Section 14(2).

(3) Awareness of pregnant hazards should be included in the health education instruction program.

(4) Consideration should be given to establishing a hearing conservation program for workers likely to be exposed to noise levels of a 85 d B - 90 d B or greater.

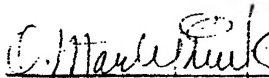
Advice to IHSB:

The following orders are suggested to be issued under the Regulation respecting Lead (O. Regulation , 536/ 81) Section 14.

Section 14 (1) indicates that exposure records are to be developed and maintained by the employer on each worker in the lead control program.

Under Section 14(2) the employer is to provide each worker's exposure records to the physician who examines the worker.

Material Left: Copy: Article "Designated Substance Regs: Examining M.D. Guidelines", (Ontario Medical Review, Volume 52. No.1. January, 1985, pg. 11-13).

 APR 08 1986

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OM/dw

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