

RECEIVED SEP 13 1991



ASBESTOS INFORMATION ASSOCIATION

1745 Jefferson Davis Highway, Crystal Square 4, Suite 509
Arlington, Virginia 22202 • (703) 979-1150

Data - 1990

September 11, 1991

Ms. Janis W. Reynolds
Director, Industrial Hygiene
CertainTeed Corp.
P.O. Box 860
Valley Forge, PA 19482-0101

Dear Janis:

I have your letter of September 9 along with your completed AIA Dust Measurement Record for 1990. Please disregard my tracer mailing to you and others which went out just yesterday.

You have made some excellent points regarding the current format of the DMR and the fact that it does not allow for short term exposure limit exposures which will skew the data reported. I will pass your comments along to the Asbestos International Association with the confidence that it will be revised accordingly.

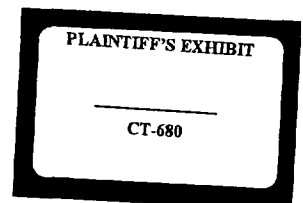
Also, I have advised LHCF of the addition of Mr. Case and Ms. Bixby as participants in the current asbestos fiber counting trial.

As always, many thanks for your excellent cooperation and assistance.

Sincerely,

Bob
B. J. Pigg
President

cc: Messrs. Ambler
McGinley



CTD026102

CertainTeed Corporation
750 E. Swedesford Road
PO Box 860
Valley Forge, PA 19482-0101
215 341-7000

CertainTeed 

September 9, 1991

Mr. B. J. Pigg
Asbestos Information Association
1745 Jefferson Davis Highway
Crystal Square 4, Suite 509
Arlington, Virginia 22202

Dear Bob:

Attached is our completed AIA Dust Measurement Record (DMR) for 1990. As in the past, this information covers our only remaining A/C pipe plant.

I do have one concern in reporting this information. As you stated in your letter (dated 8/7/1991) this information is used to demonstrate that worker exposures to asbestos dust continue to decline. Overall, I agree that asbestos exposures are declining, however I am not sure that the information provided in this format is an accurate indicator.

As I am sure you are aware, OSHA with the last revision of the asbestos standard, October 1988, amended the standard by adding an excursion limit (EL) of 1 f/cc over a 30 minute sampling period. This short term monitoring is required whenever the asbestos concentration will not be uniform throughout the workday and high concentrations of asbestos reasonably may be expected to be released or created in excess of the EL.

To comply with this regulation, we at CertainTeed collect samples during our routine and preventive maintenance projects, which include entering the bag opener and dust collectors. During these jobs our employees are adequately protected using full face HEPA filter respirators and Tyvek coveralls. In most cases, during these excursion level projects the samples become extremely overloaded and uncountable. Those that can be effectively analyzed result in excessive levels. These results are included in the worker's time weighted average (TWA), thus increasing the 8-hour exposure considerably.

These types of preventive maintenance projects will always be accomplished in our plant, and will always result in higher fiber concentrations, thus skewing the data for normal day to day manufacturing operations.

CTD026103

Mr. B. J. Pigg
September 9, 1991
Page 2

I'm sure other participating companies in the U.S. are aware of this situation, however, I'm not sure the international members collect samples in the same manner. Perhaps a more thorough questionnaire would take into consideration this excursion limit problem and help to better classify this information. As a minimum, I suggest that TWA's containing excursion limit samples, primarily maintenance operations, be classified separately.

As an added note, I have received the slides for this years fiber counting trial. Three of us will be participating in this trial, myself and two new industrial hygienist. Their names were not originally included on the registration form sent to LHCF in May. They are Mr. Tom Case and Ms. Martha Bixby.

Thank you for including CertainTeed in this survey and the fiber counting trial.

Sincerely,



Janis W. Reynolds
Director, Industrial Hygiene

Attachments

cc: J. McGinley - 2125/2B
L. Amber - 2125/2B

CTD026104



The Asbestos International Association for environmental and occupational health protection wherever asbestos or other fibres are used for the same purposes

A.I.A. DUST MEASUREMENT RECORD (DMR) 1990

(Guidance for completing the form is provided in annex)

Please complete this enquiry anonymously, using a separate form for each factory under your control, and return them promptly to:

Asbestos Information Association
1745 Jefferson Davis Highway
Arlington, Virginia 22202
Crystal Square, Suite 509
U.S.A.

=====

1. IDENTIFY INDIVIDUAL FACTORY PRODUCT GROUP

Total Workers
Workforce Under survey

Mines/Mills.....
Asbestos-Cement.....
Friction Materials.....
Textiles.....
Others (specify).....

48	45

2. STATE WHICH FIBROUS MATERIALS ARE BEING USED

Chrysotile.....
Amphibole (specify).....Crocidolite
MMMF Aramids, etc..(specify below)
.....

(1)

X
X

3. WHAT ARE YOUR NATIONAL COUNTRIL STANDARDS

Chrysotile.....
Amphibole (specify).....
MMMF Aramids, etc..(specify below)
.....

(2)

0.2 f/cc*
0.2 f/cc*

4. WHICH SAMPLING AND FIBRE COUNTING METHOD IS USED

RTM1.....
ERM.....
NIOSH.....
OTHER (specify)....

X

- (1) Mark with a cross as appropriate
(2) Complete with units as appropriate

*NOTE: 8hr. permissible exposure limit (PEL) established by the united states occupational safety & health administration (OSHA). We also have an excursion level (EL) of 1 f/cc for 30 minutes.

CTD026105

(2)

5. STATE YOUR NORMAL SAMPLING DURATION

Approx. 400 min. ←
 Several individual short
 term samples totalling

6. DOES YOUR COUNTING LABORATORY TAKE PART
IN A QUALITY CONTROL SCHEME

A.I.A. (Fibre Counting Trial).....
 Your own laboratory scheme.....
 Others (specify). John.Hopkins.University
 Round Robin

X
X
X

Yes/No

7. DO YOU CARRY OUT GRAVIMETRIC SAMPLING
IF YES STATE FOR WHICH SUBSTANCES

.....

Yes

8. DISTRIBUTION OF MONITORING DATA FOR THE CURRENT CALENDAR YEAR

1990 Class F/cm3	NUMBER		
	PERSONAL SAMPLES	STATIC SAMPLES	WORKERS IN THE CLASS
C≤0.1	51		40
0.1<C≤0.2	3		2
0.2<C≤0.3	2		2
0.3<C≤0.4			
0.4<C≤0.5	1		1
0.5<C≤0.6			
0.6<C≤0.7			
0.7<C≤0.8			
0.8<C≤0.9			
0.9<C≤1.0			
1.0<C≤2.0			
C>2.0			
TOTAL NUMBER	57	0	(*) 45

(*) Should equal number of workers under survey as in para 1

9. INDICATE WHETHER PERSONS EXPOSED IN EXCESS
OF EXISTING CONTROL STANDARDS ARE PROVIDED
WITH RESPIRATORS

Yes/No

Yes

10 ARE THERE ANY RELATED MATTERS WHICH YOU REQUIRE
ASSISTANCE WITH

Yes/No

No

.....

(1) Mark with a cross as appropriate

CTD026106

	< .1	< .2	< .3	< .4	< .5	
1988	47 89%	2 4%	3 6%	0	1 2%	53
89	16 76%	5 24%				21
90	51 89%	3 5%	2 4%	0	1 2%	57



The Asbestos International Association for environmental and occupational health protection wherever asbestos or other fibres are used for the same purposes

A.I.A. DUST MEASUREMENT RECORD (DMR) 1990

(Guidance for completing the form is provided in annex)

Please complete this enquiry anonymously, using a separate form for each factory under your control, and return them promptly to:

Asbestos Information Association
1745 Jefferson Davis Highway
Arlington, Virginia 22202
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U.S.A.

=====

1. IDENTIFY INDIVIDUAL FACTORY PRODUCT GROUP

Total Workers
Workforce Under survey

Mines/Mills.....
Asbestos-Cement.....
Friction Materials.....
Textiles.....
Others (specify).....

48	45

2. STATE WHICH FIBROUS MATERIALS ARE BEING USED

Chrysotile.....
Amphibole (specify) *Actinolite*
MMMF Aramids, etc..(specify below)
.....

(1)

✓
✓

3. WHAT ARE YOUR NATIONAL COUNTRIL STANDARDS

Chrysotile.....
Amphibole (specify).....
MMMF Aramids, etc..(specify below)
.....

(2)

0.2 f/cc *
0.2 f/cc *

4. WHICH SAMPLING AND FIBRE COUNTING METHOD IS USED

RTM1.....
ERM.....
NIOSH.....
OTHER (specify)....

X

CTD026108

- (1) Mark with a cross as appropriate
(2) Complete with units as appropriate

*NOTE: 8hr Permissible Exposure Limit (PEL) established by the United States Occupational Safety & Health Administration (OSHA). We also have an excursion level (EL) of 1 f/cc for 30 minutes.

5. STATE YOUR NORMAL SAMPLING DURATION *several individual* (2) *~400 minutes*
 6. DOES YOUR COUNTING LABORATORY TAKE PART *short term samples totalling* IN A QUALITY CONTROL SCHEME

A.I.A. (Fibre Counting Trial).....

Your own laboratory scheme.....

Others (specify) *John Hopkins University*

7. DO YOU CARRY OUT GRAVIMETRIC SAMPLING
 IF YES STATE FOR WHICH SUBSTANCES

.....

✓
✓
✓

Yes/No

<i>yes</i>

8. DISTRIBUTION OF MONITORING DATA FOR THE CURRENT CALENDAR YEAR

1988 1989
47 16
2 5
3
0
1
5 21

1990 Class F/cm3	NUMBER		
	PERSONAL SAMPLES	STATIC SAMPLES	WORKERS IN THE CLASS
C≤0.1	<i>51</i>		<i>40</i>
0.1<C≤0.2	<i>3</i>		<i>2</i>
0.2<C≤0.3	<i>2</i>		<i>2</i>
0.3<C≤0.4			
0.4<C≤0.5	<i>1</i>		<i>1</i>
0.5<C≤0.6			
0.6<C≤0.7			
0.7<C≤0.8			
0.8<C≤0.9			
0.9<C≤1.0			
1.0<C≤2.0			
C>2.0			
TOTAL NUMBER	<i>57</i>	<i>0</i>	<i>(*) 45</i>

(*) Should equal number of workers under survey as in para 1

9. INDICATE WHETHER PERSONS EXPOSED IN EXCESS
 OF EXISTING CONTROL STANDARDS ARE PROVIDED
 WITH RESPIRATORS

Yes/No

<i>yes</i>

- 10 ARE THERE ANY RELATED MATTERS WHICH YOU REQUIRE
 ASSISTANCE WITH

Yes/No

<i>no</i>

(1) Mark with a cross as appropriate

CTD026109

Updated by L. Todd 2/26/91

TABLE V

CURRENT RIVERSIDE EMPLOYEES (9/8/90)
DATE OF LAST OFFICIAL EXPOSURE MONITORING

EMPLOYEE NAME	JOB TITLE	Yr/Mo/day
EVANS, GEORGE	LATHE OPERATOR	870811 MEDICAL LEAVE
BRADY, JEFF	PRESS OPERATOR	870812 MEDICAL LEAVE
ASKEW, W	MIXER OPERATOR	880824
HAMILTON, CHRIS	FITTINGS MAKER	900330
JALL, BUD	STOREROOM CLERK	900330
BRYANT, BIRK	LOADER	900331
GARCIA, MONTE	INSPECTOR	900331
SANDERS, ANZY	FITTINGS TRUCK OPERATOR	900331
STANFIELD, DICK	FORKLIFT-LATHE	900331
JILSON, CHARLES	FITTINGS INSPECTOR	900331
HARRON, DOUG	MACHINE TENDER RELIEF OPER	900522
SONCRANT, GLEN	STRIPPER	900522
CORRAL, RICHARD	WET TESTER	900530
EDFORD, JOE	TRAY LOADER/Truck Oper	900530
IESCHLIMAN, KEN	MACHINE TENDER	900601
OLIE, KEVIN	PRESS OPERATOR	900604
OLE, HARRY	TRAY LOADER/Truck Oper	900605
MARTINEZ, PETE	STRIPPER	900605
IIVENS, JANET	TRUCK OPERATOR SHIPPING	900614
IL, L	LG FM LATHE OPERATOR	900621
ORGAN, JW	FORKLIFT-SHIPPIING	900626
ANDERTWELL	MECHANIC Boiler Oper	900708
ONTRERAS, JOE	WET TESTER CRUSHER	900719
ILLAPANDO, A	PRESS OPERATOR	900731
'LAZA, MANUAL	MANDREL HANDLER	900801
IEIER, STEVEN	TRAY LOADER	900815
UAREZ, ANDRES	PIPE HANDLER	900815
VERY, ALBERT	LATHE OPERATOR	900906
'ANTRELL, N	MANDREL HANDLER	900906
OOSE, DENNIS	TRAY LOADER	900906
ICHEL, ROBERTO	MECHANIC	900906
ORALES, D	MACHINE TENDER	900906
ENFRO, E	RELIEF OPERATOR	900906
EYES, P	MIXER OPERATOR	900906
LAUSON, J	REWORK SAW	900907
OGLEY, DENNIS	COUPLING CUT OFF	900907
OOPER, H	PIPE HANDLER	900907
OBBS, P	BOILER-MILL WET TESTER	900907
ALVIN, DENNIS	CRUSHER OILER	900907
OODWIN, L	1/4 LATHE OPERATOR	900907
RANILLO, B	Q C LAB TECHNICIAN	900907
ASILLAS, DAVE	LATHE OPERATOR	900907
ASTAAINS, HENRY	MECHANIC	900908
ARRON, A	MECHANIC	900908
HUTE, GAIL	MECHANIC - FORKLIFT	900908
CFANN, JOE	MECHANIC	900908
ERRY, DALE	MAINTENANCE FORM MECHANIC	900908
HITAKER, WOODROW	MAINTENANCE	900908

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Asbestos

OSHA PEL = 0.2 F/CC
1986 - 1991

PAGE 1

35-2-33 void

SOC SEC #	TYPE	DATE	TWA	MIN	LOCATION	PROCESS	JOB
<u>PPG</u>							
<u>RIVERSIDE</u>							
118225805	P	03/30/90	0.017	435	Store Room		Clerk ✓
266827813	P	03/30/90	0.029	435	SHIPPING		LOADER ✓
422569672	P	03/30/90	0.000	0	FINISHNG		INSPECTO ✓
457602925	P	03/30/90	0.044	420	CPLGCOFF		OPERATOR ✓
555745800	P	03/30/90	0.201	455	CRUSHER		OPERATOR ✓
557568670	P	03/30/90	0.049	460	Lab		Tech ✓
422569672	P	03/31/90	0.047	440	FINISHNG		INSPECTO ✓
431640728	P	03/31/90	0.019	431	Forklift operator		✓
527506060	P	03/31/90	0.000	0	FINISHNG		INSPECTO ✓
546766926	P	03/31/90	0.077	437	LATHE1/4		OPERATOR ✓
548583160	P	03/31/90	0.010	434	Forklift		apm ✓
002220623	P	04/01/90	0.011	318	Mechanic		✓
107323415	P	04/01/90	0.031	448	Mechanic		✓
294404086	P	04/01/90	+ 0.290	417	GENERAL		MECHANIC ✓
567465755	P	04/01/90	0.013	449	Mechanic		✓
999992837	P	04/01/90	0.018	446	Mechanic - Forklift		✓
568086676	P	09/06/90	0.011	477	TRAYLOAD		OPERATOR ✓
558494568	P	09/06/90	0.022	474	GENERAL		MECHANIC ✓
553545445	P	09/06/90	0.049	454	PIPEMACH		RELIEF
550521674	P	09/06/90	0.048	410	GENERAL		MECHANIC ✓
572820787	P	09/06/90	0.018	398	LATHLINE		OPERATOR
554729301	P	09/06/90	0.081	469	SAWREWRK		OPERATOR
560046091	P	09/06/90	0.045	437	MIXER		OPERATOR
549526935	P	09/06/90	0.096	440	PIPEMACH		TENDER
560486590	P	09/06/90	✓ 0.167	464	CRUSHER		OPERATOR ✓
572643309	P	09/06/90	✓ 0.107	439	MANDREL		HANDLER
557568670	P	09/07/90	0.027	443	LAB		TECHNICI ✓
568133118	P	09/07/90	0.056	426	LATHLINE		HANDLER
562745496	P	09/07/90	0.050	435	LATHLINE		OPERATOR ✓
546766926	P	09/07/90	0.032	418	LATHE1/4		OPERATOR ✓
557681875	P	09/07/90	0.033	440	BORMILL		OPERATOR
554729301	P	09/07/90	0.086	416	SAWREWRK		OPERATOR
560486590	P	09/07/90	0.039	443	CRUSHER		OPERATOR ✓
344303938	P	09/07/90	0.039	432	CPLGCOFF		OPERATOR ✓
092309537	P	09/08/90	0.005	486	GENERAL		MECHANIC ✓
550521674	P	09/08/90	+ 0.283	483	GENERAL		MECHANIC ✓
567465755	P	09/08/90	0.014	490	GENERAL		MECHANIC ✓
327268652	P	09/08/90	0.013	481	GENERAL		MECHANIC ✓
002220623	P	09/08/90	0.014	490	GENERAL		MECHANIC ✓
557568797	P	09/08/90	0.047	489	GENERAL		MECHANIC ✓
294404086	P	09/08/90	0.420	287	GENERAL		MECHANIC ✓
573760128	P	02/26/91	0.071	461	PIPEMACH		TENDER
561904679	P	02/26/91	0.174	460	MIXER		OPERATOR
555620421	P	02/26/91	0.110	453	CRUSHER		OPERATOR
568428810	P	02/26/91	0.035	241	PRESS		OPERATOR
570582582	P	02/26/91	0.034	105	MANDREL		HANDLER
385220170	P	02/26/91	0.012	455	PIPEMACH		STRIPPER
440340878	P	02/26/91	0.017	457	TRAYLOAD		OPERATOR
550788997	P	02/26/91	0.079	424	MANUFACT		RELIEF
548583160	P	02/26/91	0.039	382	FINISHNG	LINES1/3	FORKLIFT
344303938	P	02/26/91	0.162	494	CPLGCOFF		OPERATOR
554729301	P	02/26/91	0.185	463	SAWREWRK	LINE1	OPERATOR

CTD026111

Interoffice Memo

CertainTeed 

To	Mail Code	From	Mail Code	Ext.
Jim Burke	260	Janis Reynolds	1125/4	7713
Subject			Date	
Riverside Asbestos Air Sample Results			August 17, 1990	

cc: Lee Todd - 260

Below, I have listed the results of the air samples taken at your plant by L. Todd during the period 5/22 to 7/18/90.

NAME	POSITION	DATE	TWA (f/cc)*
Glen Soncrant	Stripper Operator	5/22/90	>0.013
Doug Marron	Machine Tender	5/22/90	>0.053
Richard Corral	Wet Tester Operator	5/30/90	0.010
Joe Ledford	Truck Oper./Tray Load.	5/30/90	0.005
Ken Aeschliman	Machine Tender	6/1/90	>0.04
Kevin Lolie	Press Operator	6/4/90	>0.047
Pete Martinez	Stripper Operator	6/5/90	0.003
Harry Cole	Truck Oper./Tray Load.	6/5/90	>0.006
Janet Bivens	Shipping Truck Oper.	6/14/90	0.022
Larry Gil	Large FM Lathe Oper.	6/21/90	0.006
J. W. Morgan	Shipping Truck Oper	6/26/90	0.005
Homer Cooper	Pipe Handler	7/17/90	0.037
Joe Contreras	Wet Tester Operator	7/18/90	0.02

*Sample concentrations preceded by a greater than sign (>) indicate that the result may be an underestimation due to heavy particulate loading on the filter.

I am sorry for the delay in getting the results to you. I had been waiting to input them in our new computer system, however it's start-up has been delayed. When it is completed, I'm sure we will have a better turn around time.

Please inform these employees of their results. Thanks!

Jim Burke

260

Janis Reynolds

1125/4

7713

Riverside Asbestos Air Sample Results

August 28, 1990

cc: Lee Todd - 260

Below, I have listed the results of the air samples taken at your plant by L. Todd during the period 7/31 to 8/15/90.

NAME	POSITION	DATE	TWA (f/cc)*
A. Villapando	Press Operator	7/31/90	0.06
Dale Perry	Oiler	8/1/90	0.03
Manual Plaza	Mandrel Handler	8/1/90	0.03
Andy Suarez	Pipe Handler	8/15/90	0.003
Steve Meier	Tray Loader	8/15/90	0.006

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As you can see, these results are all below the proposed 0.01 f/cc OSHA limit.

Please inform these employees of their results. Thanks!

VOIDS = 2
≤ 0.1 = 51
0.1 ≤ 0.2 = 3 ✓
0.2 ≤ 0.3 = 2 +
0.3 ≤ 0.4 = 0
0.4 ≤ 0.5 = 1

CTD026113

ACTION MEMO		Subject ☒ See attached	RECEIVED AUG 16 1991
☐ For Your APPROVAL ☐ For Your COMMENT ☐ Advise COMPLETION Date ☐ CONTACT Me About This ☐ Per ☐ Our ☐ Your CONVERSATION ☐ For DISCUSSION ☐ Prepare ESTIMATE ☐ For Your FILE ☐ For FOLLOW-UP Record ☐ Please HANDLE ☐ For Your INFORMATION ☐ INVESTIGATE And Report ☐ READ ☐ Destroy ☐ Return ☐ Per Your REQUEST ☐ Advise STATUS	TO MS. JANIS REYNOLDS		
	FROM J. P. McGINLEL /agl		
	DATE 8/15/91		
	RETURN BY		
	FORWARD TO		
☒ JANIS, JPM ASKED ME TO FORWARD THIS TO YOU FOR HANDLING. IF A MORE FORMAL REQUEST IS WARRANTED, PLEASE LET KNOW. ANN PICARDI			

CTD026114

To _____

Date _____ Time _____

WHILE YOU WERE OUT

M _____

of _____

Phone _____

Telephoned		Please Call Back	
Called To See You		Will Call Again	
Returned Your Call		Rush	

Message _____

Operator

01-19-0015 12/89

CTD026115



ASBESTOS INFORMATION ASSOCIATION

1745 Jefferson Davis Highway, Crystal Square 4, Suite 509
Arlington, Virginia 22202 • (703) 979-1150 • FAX (703) 979-1152

FU
9/16/91 ✓

To J.P. McGinley

John -

Can you please forward
this to the right person for
handling.

Thanks
dyg

August 7, 1991

Memorandum For: AIA/NA Members (less Canadian Producers)

Subject: Dust Measurement Record (DMR) 1990
(Asbestos International Association)

Please find enclosed a copy of the Asbestos International Association's (AIA) letter dated July 29, 1991 and attachments thereto.

It will be recalled from previous efforts of this nature that the AIA, with approval of its Governing Council, has collected data on dust levels in factories and mines and mills from companies belonging to national associations that are members of the Asbestos International Association. Surveys were conducted for the years 1983-1989. This survey applies to 1990.

It is understood that the asbestos producers in Canada will be participating in this survey through The Asbestos Institute.

AIA/NA members and other interested companies that have participated in prior surveys include the following for which sincere appreciation is extended:

Allied-Signal (Bendix)
CAPCO Pipe Company
CertainTeed
DISTEX
Durabla
Ferodo America
Henry Company

Grundy Industries
KCAC
Monsey Products
Supradur
Vermont Asbestos Group

Accordingly, AIA/NA members (less Canadian producers) are requested to give close attention to the enclosures at your earliest convenience. Return of the AIA DUST MEASUREMENT RECORD (DMR) 1990 to this office by September 24, 1991 would allow for collation and transmission to AIA within the timeframe requested. One of the principal

RECEIVED

AUG 12 1991

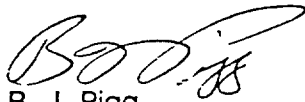
CTD026116

page 2

uses of this survey is to demonstrate before various international bodies and forums that worker exposures to asbestos dust continue to decline as a result of responsible efforts by the asbestos industry.

By copy of this memorandum, we invite and encourage companies who are not members of this Association, but have made financial contributions to our work, to participate in this important survey.

Thank you in advance for your assistance. Please let us know should you have questions or if we can be of help in any way.

A handwritten signature in black ink, appearing to read 'B. J. Pigg', with a stylized flourish at the end.

B. J. Pigg
President

Enclosures

cc: AIA/NA Contributors
Daniel Bouige, AIA (less encls)
Michel Gratton, AI (less encls)

CTD026117



The Asbestos International Association for environmental and occupational health
protection wherever asbestos or other fibres are used for the same purposes

AIA/20/2/12/HAS
AIA/1/4/8/1/POL

TO : All Associate Members

Date : July 29, 1991

FROM : D. Bouige

SUBJECT : AIA DUST MEASUREMENT RECORDS

Attached please find the complete report on the 1989 A.I.A. Dust Measurement Records (DMR's) together with an enquiry form on the 1990 A.I.A. Dust Measurement Records.

Please distribute the enquiry to your Associate Members and return the duly completed form to the A.I.A. before 30 September, 1991.

Thank you for your attention and best regards,


P.P. D. Bouige

Encls.

Please note your country code is : 3

CTD026118

ANNEX TO 1990 DMR FORMS

NOTES FOR GUIDANCE WHEN COMPLETING THE DUST MEASUREMENT RECORD

(DMR)

The DMR is confidential and only an AIA composite report will be made public. Individual factories and companies will not be disclosed.

The total workforce referred to in Question 1 should include all personnel on the pay roll including office staff, etc.

The "workers under survey" referred to in question 1 are the number of workers to whom an exposure index is assigned in the factory records.

The enquiry about laboratory control schemes referred to in question 6 reflects the importance of this issue and all laboratories carrying out analysis should take part in a well constructed scheme. The AIA counting trial is available to all AIA member associations.

The table 8 requests information about the monitoring data obtained over the year :

- Personal samples are intended to monitor exposure or individual persons and are attached to the person being monitored.
- Static samples are used to measure general dust levels and are used for engineering control purposes.
- The column headed "Workers in the Class" refers to the number of persons allocated to each class of measurement. For instance if a sample is taken to represent a work group of 10 persons, because their work practices are identical the entry should be 10 and not 1. Considerable care is necessary when deciding upon group representation of this nature. Most workers have individual work practices which greatly influence exposure.

If there is good reason to report results in section (8) as separate groups, e.g. persons working only with glass wool and no asbestos etc. then it is permissible to submit that group on a separate and full recorded sheet.