



Trial 91
LABORATOIRE D'HYGIENE ET DE
CONTROLE DES FIBRES MINÉRALES

10, rue de la Pépinière, 75008 PARIS
Tél. (1) 45 22 12 34 - Fax 42 94 98 86

RECEIVED SEP 30 1991

Paris, September 24th 1991

*des
M3*

Mrs JANIS REYNOLDS

CERTAINTED CORPORATION
750 E. SWEDES FORD ROAD
VALLEY FORGE 05
PA 19482
U.S.A.

Ref.: AIA Fibre Counting Trial - 1991

Dear Mrs REYNOLDS

I acknowledge receipt of the counting results of 4 counters from your laboratory.

You will find enclosed a provisional report giving the individual position of your counters according to a 3 groups classification.

The final report should be circulated during the year 1992, in which counting results of each participant will be taken into account.

Yours sincerely.

Alain Baujon
Director

PLAINTIFF'S EXHIBIT

CT-673

A.I.A. - FIBRE COUNTING TRIAL - 1991

PROVISIONAL POSITION DATA SHEET

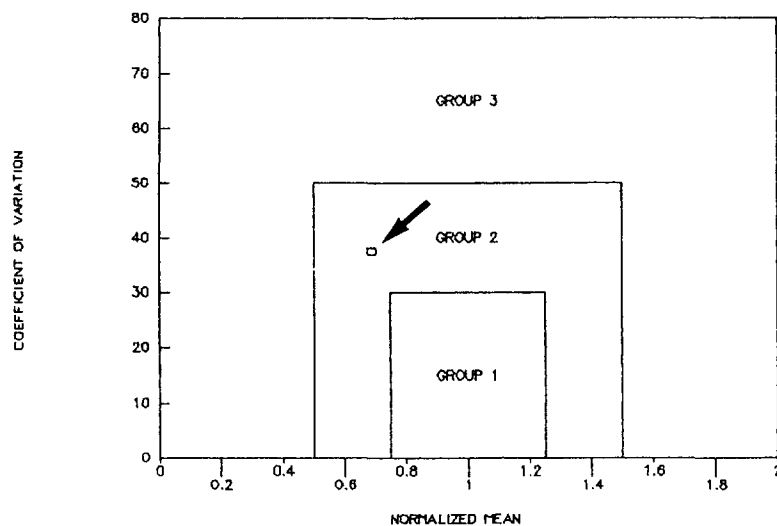
Name : Mrs. Martha J. BIXBY
Company : CERTAINTEED CORPORATION

Your countings and corresponding normalized results are reported below.

Slide Ref. : D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Results F/mm ²	71	205	245	140	156	222	29	23	156	222	89	386	78	69	196
Norm. Results	0,44	0,81	0,59	0,70	0,71	0,94	0,48	0,28	1,01	0,75	0,62	1,29	0,44	0,52	0,74

Normalized Mean : 0.69
Coefficient of Variation : 37.6
GROUP : 2

Your individual position is plotted on the following diagram:



Group 1 : Counters with normalized mean in the range 0,75 - 1,25 and coefficient of variation below 30 %

Group 2 : Counters with normalized mean in the range 0,5 - 1,5 and coefficient of variation below 50 %

Group 3 : Counters with normalized mean outside the range 0,5 - 1,5 or coefficient of variation above 50 %

A.I.A. - FIBRE COUNTING TRIAL - 1991

PROVISIONAL POSITION DATA SHEET

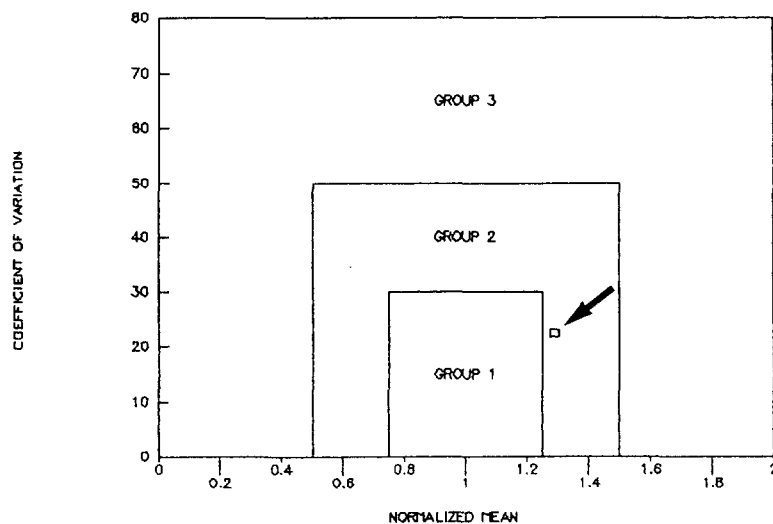
Name : Mrs. Janis REYNOLDS
Company : CERTAINTEED CORPORATION

Your countings and corresponding normalized results are reported below.

Slide Ref. : D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Results F/mm ²	246	274	479	261	222	290	72	93	153	541	162	498	299	203	233
Norm. Results	1,52	1,08	1,15	1,31	1,01	1,23	1,21	1,13	0,98	1,83	1,12	1,67	1,69	1,53	0,88

Normalized Mean	: 1.29
Coefficient of Variation	: 22.4
GROUP	: 2

Your individual position is plotted on the following diagram:



Group 1 : Counters with normalized mean in the range 0,75 - 1,25 and coefficient of variation below 30 %

Group 2 : Counters with normalized mean in the range 0,5 - 1,5 and coefficient of variation below 50 %

Group 3 : Counters with normalized mean outside the range 0,5 - 1,5 or coefficient of variation above 50 %

CTD026208

A.I.A. - FIBRE COUNTING TRIAL - 1991

PROVISIONAL POSITION DATA SHEET

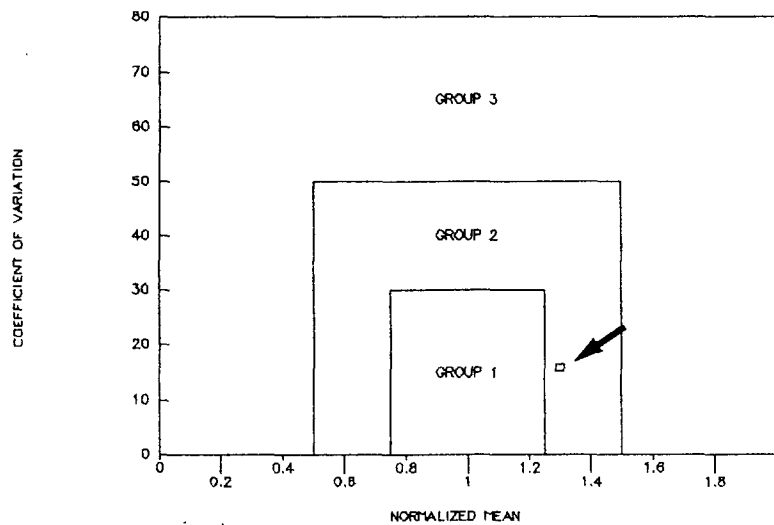
Name : Mrs. Laura SHEMANSKI
Company : CERTAINTED CORPORATION

Your countings and corresponding normalized results are reported below.

Slide Ref. : D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Results F/mm ²	205	268	556	294	318	340	89	83	192	323	141	481	281	163	330
Norm. Results	1,27	1,06	1,33	1,48	1,45	1,45	1,48	1,02	1,24	1,09	0,97	1,61	1,59	1,23	1,24

Normalized Mean : 1.30
Coefficient of Variation : 15.8
GROUP : 2

Your individual position is plotted on the following diagram:



Group 1 : Counters with normalized mean in the range 0,75 - 1,25 and coefficient of variation below 30 %

Group 2 : Counters with normalized mean in the range 0,5 - 1,5 and coefficient of variation below 50 %

Group 3 : Counters with normalized mean outside the range 0,5 - 1,5 or coefficient of variation above 50 %

CTD026209

A.I.A. - FIBRE COUNTING TRIAL - 1991

PROVISIONAL POSITION DATA SHEET

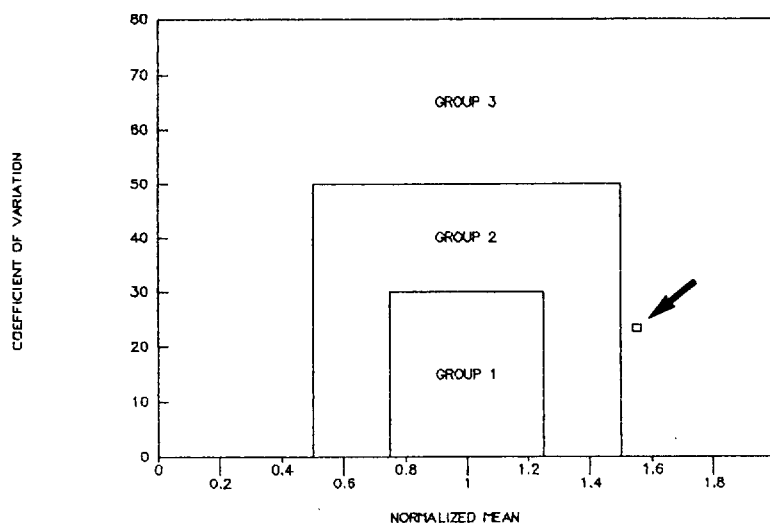
Name : Mr. Thomas E. CASE
Company : CERTAINTEED CORPORATION

Your countings and corresponding normalized results are reported below.

Slide Ref. : D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Results F/mm ²	289	291	866	291	281	423	120	104	200	308	267	512	362	192	288
Norm. Results	1,79	1,15	2,08	1,46	1,27	1,80	2,00	1,26	1,29	1,04	1,85	1,72	2,04	1,45	1,09

Normalized Mean	: 1.55
Coefficient of Variation	: 23.3
GROUP	: 3

Your individual position is plotted on the following diagram:



Group 1 : Counters with normalized mean in the range 0,75 - 1,25 and coefficient of variation below 30 %

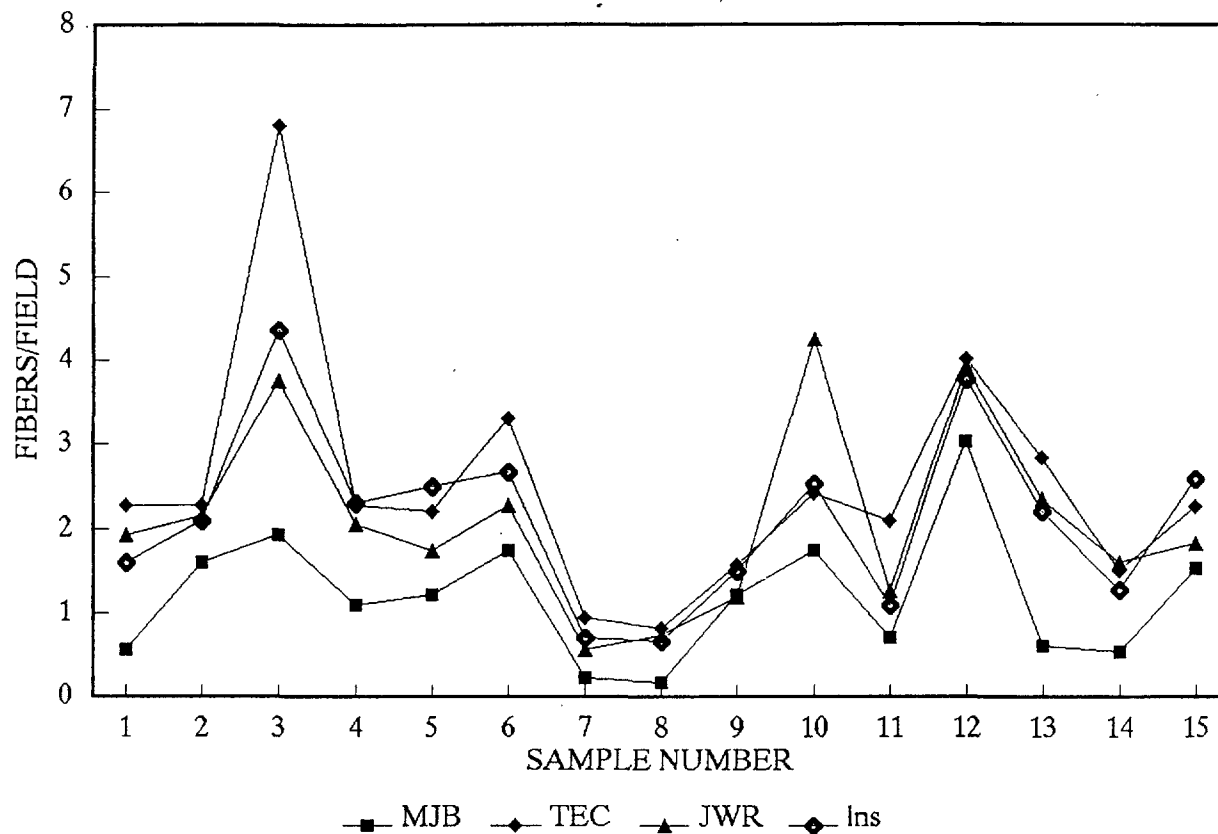
Group 2 : Counters with normalized mean in the range 0,5 - 1,5 and coefficient of variation below 50 %

Group 3 : Counters with normalized mean outside the range 0,5 - 1,5 or coefficient of variation above 50 %

CTD026210

AIA ROUND "D" SAMPLES

SEPTEMBER, 1991



CTD026211

LABORATOIRE D'HYGIENE ET DE
CONTROLE DES FIBRES MINERALES

10 rue de la Pépinière - 75008 PARIS

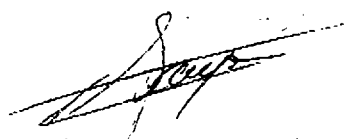
Tel. : (33) - 1 45 22 12 34
Telex : 281 133
Télécopie : (33) - 1 42 94 98 86

Date : 23-09-1991
to : Mrs JANIS REYNOLDS (CERTAINTED)
from : A. BAUJON
Total number of pages : 1
Ref. : A.I.A. - FIBRE COUNTING TRIAL

I acknowledge receipt of the countings results from 4
counters. Nevertheless, two data sheets were reported to be
Laura SHEMANSKI's results and I got no results from yourself.

Could you please send me a copy of these two data
sheets.

Yours sincerely.


Alain BAUJON

*Sorry for the error -
Corrections attached*

Janis Reynolds
9/23/91

CTD026212

file
Teed

CertainTeed Corporation
750 E. Swedesford Road
PO Box 860
Valley Forge, PA 19482-0105
215 341-7000

CertainTeed 

September 2, 1991

FAX: (33.1) 42 94 98 86

Alain Baujon
Director
LABORATOIRE D'HYGIENE ET DE
CONTROLE DES FIBRES MINERALES
10, rue de la Pepiniere,
75008 Paris

Dear Mr. Baujon:

Attached are CertainTeed's counting results for the 1991 A.I.A. Slide Exchange. Four counters from our laboratory participated in this exchange:

Laura Shemanski
Tom Case
Martha Bixby
Janis Reynolds

Four data sheets containing individual results for each person listed above is attached to this cover letter. The slides have been sent air express to Mrs. J. Kimbrell, Nuturn Corporation, Smithville Tenn.

Thank you for including us in this A.I.A. Program. If you have any questions please contact me.

Sincerely,

Janis Reynolds
Director, Industrial Hygiene

Attachments

cc: B.J. Pigg - AIA
Lloyd Ambler - 2125/2A

CTD026213

Ref. THOMAS E. CASE # of Files

1	288.74 → 204/45	102/45
2	290.96 → 201/44	100.5/44
3	866.24 → 272/20	136/20
4	290.96 → 201/44	100.5/44
5	280.51 → 207/47	103.5/47
6	423.31 → 206/31	103/31
7	119.75 → 188/100	94/100
8	103.82 → 163/100	81.5/100
9	200 → 201/64	100.5/64
10	307.9 → 203/42	101.5/42
11	266.75 → 201/48	100.5/48
12	512.10 → 201/25	100.5/25
13	361.53 → 210/37	105/37
14	191.97 → 202/67	101/67
15	288.03 → 208/46	104/46

	FAS	ENDS	Fibers	FLDS	Fibers mm ²
15D	202	101	39		329.9
14D	202	101	79		162.9
13D	203	101.5	46		281.2
12D	204	102	27		481.2
11D	203	101.5	92		140.5
10D	218	109	43		322.9
9D	202	101	67		192.0
8D	131	65.5	100		83.4
7D	139	69.5	100		88.5
6D	203	101.5	38		340.3
5D	215	107.5	43		318.5
4D	208	104	45		294.4
3D	227	113.5	26		556.1
2D	202	101	48		268.0
1D	200	100	62		205.5

ends 1 ft
flds x 2 ends x

.00785 mm²

gals

Lowie Shensky

CertainTeed Corporation

BERLIN PLANT

.00785

Martha Bixby

Arb. Int'l Assoc Slides
SETD

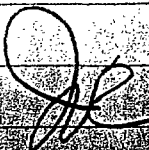
		$\frac{fib}{mm^2}$
AIA 1D	56 fib/100	71.3
2D	100 fib/52	205.5
3D	100 fib/52	245.0
4D	110 fib/100	140.1
5D	103 fib/84	156.2
6D	101 fib/58	221.8
7D	27 fib/120	28.7
8D	18 fib/100	22.9
9D	124 fib/101	156.4
10D	101 fib/58	221.8
11D	77 fib/110	89.2
12D	100 fib/33	386.0
13D	68 fib/111	78.0
14D	54 fib/100	68.8
15D	100 fib/65	196.0

Mag 400x
Walter Beckett .00785
NIOST 7400 A-Rules

— Safety is No Accident! —

CTD026216

		fib/mm ²		
10	204/242	541.4	213/31	437.64
15	245/67	232.9	204/69	188.31
14	319/100	203.18		
13	503/107	299.42		
12	447/57	499.49		
11	290/114	162.02	218/88	157.78
9	273/114	172.04	235/87	172.01
8	163/112	92.69		
7	153/135	72.19	146/104	89.4
6	223/49	289.87	227/58	249.28
5	241/69	222.47	201/43	297.7
4	250/61	261.04		
3	271/36	479.87	291/32	579.22
2	258/60	273.88		
1	290/75	246.28		


 9/19/91

A.I.A. - FIBRE COUNTING TRIAL - 1991

INDIVIDUAL REPORT DATA FORM

Country : USA Company : CertainTeed Corporation Name of the Counter : Martha J. Bixby			
Magnification of the microscope : 400x Graticule (type and area in mm ²) : Walton Beckett .00785 Counting method : NIOSH 7400 A Rules			
Reference of the Slide	Number of Fibres	Number of Fields	Comments
1D	56 fibers	100	
2D	100 fibers	62	
3D	100 fibers	52	
4D	110 fibers	100	
5D	103 fibers	84	
6D	101 fibers	58	
7D	27 fibers	120	
8D	18 fibers	100	
9D	124 fibers	101	
10D	101 fibers	58	
11D	77 fibers	110	
12D	100 fibers	33	
13D	68 fibers	111	
14D	54 fibers	100	
15D	100 fibers	65	

Please complete this form and send your data by Fax to
L.H.C.F. "Fax : (33.1) 42 94 98 86".

CTD026218

A.I.A. - FIBRE COUNTING TRIAL - 1991

INDIVIDUAL REPORT DATA FORM

Country : USA Company : CertainTeed Corporation Name of the Counter : Thomas E. Case			
Magnification of the microscope : 400x Graticule (type and area in mm ²) : Walton Beckett .00785 Counting method : NIOSH 7400 a Rules			
Reference of the Slide	Number of Fibres	Number of Fields	Comments
1D	102 fibers	45	
2D	100.5 fibers	44	
3D	136 fibers	20	
4D	100.5 fibers	44	
5D	103.5 fibers	47	
6D	103 fibers	31	
7D	94 fibers	100	
8D	81.5 fibers	100	
9D	100.5 fibers	64	
10D	101.5 fibers	42	
11D	100.5 fibers	48	
12D	100.5 fibers	25	
13D	105 fibers	37	
14D	101 fibers	67	
15D	104 fibers	46	

Please complete this form and send your data by Fax to
L.H.C.F. "Fax : (33.1) 42 94 98 86".

CTD026219

A.I.A. - FIBRE COUNTING TRIAL - 1991

INDIVIDUAL REPORT DATA FORM

Country : USA Company : CertainTeed Corporation Name of the Counter : Janis Reynolds			
Magnification of the microscope : 400x Graticule (type and area in mm ²) : Walton Beckett .00785 Counting method : NIOSH 7400 A Rules			
Reference of the Slide	Number of Fibres	Number of Fields	Comments
1D	145 fibers	75	
2D	129 fibers	60	
3D	135.5 fibers	36	
4D	125 fibers	61	
5D	120.5 fibers	69	
6D	111.5 fibers	49	
7D	76.5 fibers	135	
8D	81.5 fibers	112	
9D	136.5 fibers	114	
10D	102 fibers	24	
11D	145 fibers	114	
12D	223 fibers	57	
13D	251.5 fibers	107	
14D	159.5 fibers	100	
15D	122.5 fibers	67	

Please complete this form and send your data by Fax to
L.H.C.F. "Fax : (33.1) 42 94 98 86".

CTD026220

A.I.A. - FIBRE COUNTING TRIAL - 1991

INDIVIDUAL REPORT DATA FORM

Country : USA Company : CertainTeed Corporation Name of the Counter : Laura Shemanski			
Magnification of the microscope : 400x Graticule (type and area in mm ²) : Walton Beckett .00785 Counting method : NIOSH 7400 A Rules			
Reference of the Slide	Number of Fibres	Number of Fields	Comments
1D	100 fibers	62	
2D	101 fibers	48	
3D	113.5 fibers	26	
4D	104 fibers	45	
5D	107.5 fibers	43	
6D	101.5 fibers	38	
7D	69.5 fibers	100	
8D	65.5 fibers	100	
9D	101 fibers	67	
10D	109 fibers	43	
11D	101.5 fibers	92	
12D	102 fibers	27	
13D	101.5 fibers	46	
14D	101 fibers	79	
15D	101 fibers	39	

Please complete this form and send your data by Fax to
L.H.C.F. "Fax : (33.1) 42 94 98 86".

CTD026221



LABORATOIRE D'HYGIENE ET DE
CONTROLE DES FIBRES MINÉRALES

10, rue de la Pépinière, 75008 PARIS

Tél. (1) 45 22 12 34 - Fax 42 94 98 86

Paris, July 24th 1991

RECEIVED JUL 30 1991

Mrs JANIS WOODSON REYNOLDS

CERTAINTED CORPORATION
750 E. SWEDES FORD ROAD
VALLEY FORGE 05
PA 19482
U.S.A.

Ref. : A.I.A. Fibre Counting Trial 1991-1992

Dear Mrs JANIS WOODSON REYNOLDS,

Further to the registration of 1 counter from your laboratory, you will receive in a very short delay a set of 15 microscope slides to be evaluated.

Please find enclosed a guidance note explaining the whole procedure, and 1 form for reporting counting results.

It is essential that the countings are carried out in less than 1 week in order to reduce the delay of the exchange.

After counting, please send the set of slides to the next laboratory in your country, to the following address (label enclosed):

Mrs J. KIMBRELL
NUTURN CORPORATION
GRIZZLY LANE
SMITHVILLE
TN 37166
U.S.A.

Thank you very much for your kind cooperation.

Yours sincerely.


Alain BAUJON
Director

P.J : 1 Guidance Note

CTD026222

INDIVIDUAL REPORT DATA FORM

Country : Company : Name of the Counter :			
Magnification of the microscope : Graticule (type and area in mm ²) : Counting method :			
Reference of the Slide	Number of Fibres	Number of Fields	Comments

Please complete this form and send your data by Fax to
L.H.C.F. "Fax : (33.1) 42 94 98 86".

CTD026223



GUIDANCE NOTE TO TAKE PART IN THE
1991 - A.I.A. FIBRE COUNTING TRIAL
(Slide Exchange)

Object of the Slide Exchange :

Three essential objects can be foreseen when taking part in the A.I.A. slide exchange :

- To position oneself amongst a number of other experimented fibre dust counters.
- To contribute to a better harmonization of the workplace exposure measurement.
- To gain confidence in the exposure levels measured to comply with national regulations and implement preventive control measures accordingly.

Registration of Participants :

Each participant (individual or laboratory) shall fill in the enclosed "Registration Form" and return the same to L.H.C.F. (with a copy to your National Association)

Note : It is essential to return this form as soon as possible to allow for the earliest and most practical circulation of slides in various countries.

.../...

Slide Exchange Procedure :

Each participant (individual or laboratory) will receive a set of 15 slides including asbestos and non-asbestos ones.

It is essential that slides are counted under a normal procedure and every effort should be made to avoid giving them any preferential treatment.

Indeed, the slide exchange will hardly serve a useful purpose for those counters who do not strictly apply aroutine laboratory counting method.

Your attention is further drawn on the followings :

- 1) - The counting duration should be the same as the usual one.
- 2) - Slides should only be counted once.
- 3) - Different results on the same slide counted by several individuals from the same laboratory should be reported without further evaluation.

After Counting :

In order to produce the final A.I.A. report within a reasonable time schedule, it is imperative that each set of slides remains no longer than 1 week in the same laboratory.

Results of the countings should be reported directly to the L.H.C.F. preferably by Fax (33.1) 42 94 98 86.

Detailed instructions explaining how to forward the set of slides to the next destination are given in the accompanying letter to each participant.

Provisional Data Sheet Report :

Upon returning their individual "Data Form Report" (copy enclosed), participants will receive a provisional "Position Data Sheet" (copy enclosed) showing how they have performed in comparison with the previous evaluations already available for these slides.

This is primarily intended to give every counter early indications showing his approximate classification (Group 1, 2, or 3), which in turn is expected to be useful for modifying the laboratory practices if necessary.

.../...

Final Report :

An anonymous complete report on the 1991 slide exchange will be issued in the beginning of 1992 and circulated to all AIA members. Participants will be provided with a personal copy showing their final position following the latest statistical evaluation made by the L.H.C.F.

A.I.A. - FIBRE COUNTING TRIAL - 1990

PROVISIONAL POSITION DATA SHEET

FAC-SIMILE

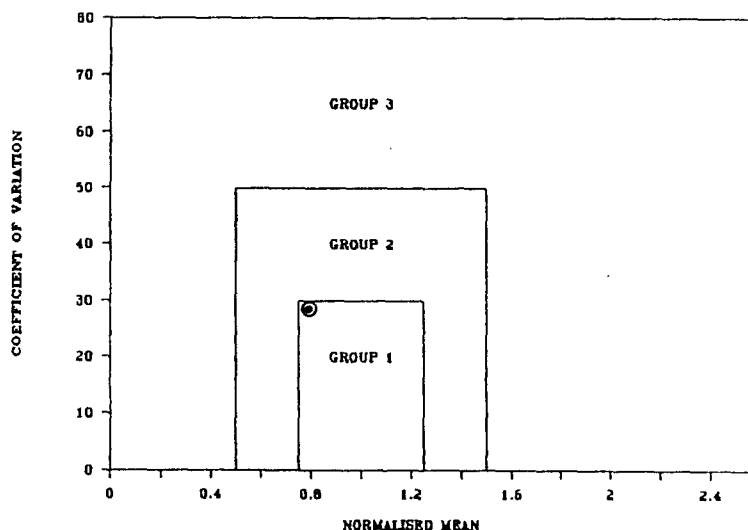
Name : Smith Arnold
Company : S.B.V.M.

Your countings and corresponding normalised results are reported below.

Slide Ref. : B	1	2	3	4	5	6	7	8	9	10	11	12
Results F/mm ²	3	20	104	134	243	501	195	181	190	64	79	40
Norm. Results	0.26	0.53	0.82	0.82	1.20	1.22	0.90	0.85	0.97	0.71	0.44	

Normalised Mean : 0.79
Coefficient of Variation : 29.6

The following diagram indicates (with a black point), your individual position.



Group 1 : Counters with normalised mean in the range 0,75 - 1,25 and coefficient of variation below 30 %

Group 2 : Counters with normalised mean in the range 0,5 - 1,5 and coefficient of variation below 50 %

Group 3 : Counters with normalised mean outside the range 0,5 - 1,5 or coefficient of variation above 50 %

CTD026227

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

file
7/2/91
CertainTeed 

May 31, 1991

FAX: (33.1) 42 94 98 86

Mr. Daniel Bouige
LABORATOIRE D'HYGIENE ET DE
CONTROLE DES FIBRES MINERALES
10, rue de la Pepiniere,
75008 Paris France

Dear Mr. Bouige:

Attached is CertainTeed's registration form for the A.I.A.
Fiber Counting Trial, 1991. Two counters from our laboratory
will be participating in this exchange, Scott Howard and
myself.

Thank you for including us in this A.I.A. Program. If you have
any questions please contact me.

Sincerely,

Janis Woodson Reynolds
Sr. Industrial Hygienist

Attachments

cc: *B.J. Pigg - AIA* *file copy*
Lloyd C. Ambler CertainTeed

CTD026228

A.I.A. - FIBRE COUNTING TRIAL - 1991

REGISTRATION FORM

Please complete one form for each laboratory, and
return to :

L.H.C.F.
10, rue de la Pépinière
75008 PARIS - FRANCE

1. - NAME AND ADDRESS OF THE COMPANY OR LABORATORY :

CertainTEED Corp.
750 E. SWEDSFORD Rd.
Valley Forge, PA 19482

Telephone : 215-341-7713
Telex : 215-687-1817
Telefax : 215-341-7157

2. - NAME OF THE CORRESPONDANT IN THE COMPANY OR LABORATORY :

JANIS (Woodson) Reynolds

3. - NAME OF THE COUNTERS TAKING PART IN THE F.C.T. :

JANIS Reynolds _____
Scott Howard _____

4. - TYPICAL NUMBER OF SAMPLES ANALYZED
OVER THE YEAR BY THE LAB :

400

5. - TYPICAL VALUES OF THE FIBRE DENSITY ON THE SAMPLES
USUALLY ANALYSED BY THE LABORATORY (FIBRES/MM²) (1) :

< 100

100-200

200-500

> 500

6. - ORIGIN OF THE DUST SAMPLES ANALYZED (1) :

MINES
MILLS

ASBESTOS
CEMENT

FRICTION
MATERIALS

TEXTILES
(Fiber Glass)

OTHERS
Fiberglass
Wool

(1) Please circle the corresponding case.

CTD026229



ASBESTOS INFORMATION ASSOCIATION

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

Trans 31

May 3, 1991

Memorandum For:

Judy Kimbrell
Feroda America, Inc.
Grizzly Lane
Smithville TN 37166

W. G. Schomp
Monsey Products Company
Coldstream Road
Kimberton PA 19442

Janis L. Woodson
CertainTeed Corporation
750 E. Swedesford Road
Valley Forge PA 19482



Subject: AIA Fibre Counting Trial 1991

Addressees will recall their participation in the Asbestos International Association's Asbestos Counting Trial 1990. The final report of this trial was published in March 1991.

We are hopeful that you will again participate in this worthwhile effort during 1991. Enclosed is a letter dated April 17, 1991 from the AIA (Mr. Daniel Bouige) which provides detailed information on the 1991 trial. It will be of note that the slide exchange for 1991 will again cover a new field of expertise in fibre counting as a result of the 1989 AIA Dust Advisory Panel Colloquium held in Jersey (U.K.). Specifically, the 1991 trial will relate to the multi-fibre environment as mentioned in the enclosure.

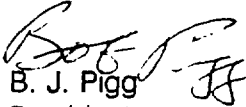
Please complete the attached registration form and return it directly to L.H.C.F. in Paris, France, with a copy to this Association (AIA/NA). This form should be completed at your earliest convenience in order to facilitate participation in the 1991 trial.

- over -

CTD026230

page 2

Thank you in advance for your attention to this matter. Please let me know if I can be of any assistance.


B. J. Pigg
President

Enclosure

cc: Messrs. Lloyd C. Ambler
Joseph T. Mooney
Terry Stewart
Ms. Rita M. Grisham

Mr. Daniel Bouige (less encl)

CTD026231



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

TO: ~~GOV. COUNCIL MEMBER~~
cc : Gov. Council Members
(Without Enclosure)

DATE: APRIL 17TH, 1991

FROM: D. Bouige

REF : FIBRE COUNTING TRIAL 1991

We sent you recently a copy of the LHCF (Laboratory for Hygiene and the Control of Fibres) Report (AIA Circular of 29/03/91) on the 1990 Counting Trial. This slide exchange appears to have made once again a useful contribution to all the laboratories involved in asbestos counting.

The slide exchange for 1991 will again cover a new field of expertise in fibre counting (non-asbestos) as a result of the 1989 DAP colloquium in Jersey (U.K.) and the new AIA object, both being related to the multi-fibre environment which is arising from a diversification of fibre types in use.

Would you please circulate the LHCF Guidance Note (attached) to all companies or laboratories which may be interested in participating to the 1991 Slide Exchange, advising them to return their registration form as soon as possible to the LHCF.

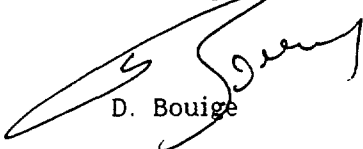
The analysis of the results will, of course, remain anonymous as before but each participant will personally receive a provisional position data sheet shortly after he has returned his results.

As a successful exchange relies on prompt responses, we shall ask your involvement for circulation of the slides from one laboratory to another (1).

Upon receipt of the package of the 15 slides, please ensure that careful mailing instructions are given when forwarding them within a week to the next laboratory.

Thanks in advance for your collaboration.

best regards,



D. Bouige

(1) Unless otherwise agreed between you and LHCF

Encl.

CTD026232



CONTROLE DES FIBRES MINERALES

10, rue de la Pépinière, 75008 PARIS

Tél. (1) 45 22 12 34 - Fax 42 94 98 86

GUIDANCE NOTE TO TAKE PART IN THE
1991 A.I.A. FIBRE COUNTING TRIAL
(Slide Exchange)

Object of the Slide Exchange :

Three essential objects can be foreseen when taking part in the A.I.A. slide exchange :

- To position oneself amongst a number of other experimented fibre dust counters.
- To contribute to a better harmonization of the workplace exposure measurement.
- To gain confidence in the exposure levels measured to comply with national regulations and implement preventive control measures accordingly.

Registration of Participants :

Each participant (individual or laboratory) shall fill in the enclosed "Registration Form" and return the same to L.H.C.F.

(with a copy to your National Association)

Note : *It is essential to return this form as soon as possible to allow for the earliest and most practical circulation of slides in various countries.*

.../...

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Slide Exchange Procedure :

Each participant (individual or laboratory) will receive a set of 15 slides including asbestos and non-asbestos ones.

It is essential that slides are counted under a normal procedure and every effort should be made to avoid giving them any preferential treatment.

Indeed, the slide exchange will hardly serve a useful purpose for those counters who do not strictly apply a routine laboratory counting method.

Your attention is further drawn on the followings :

- 1°) - The counting duration should be the same as the usual one.
- 2°) - Slides should only be counted once.
- 3°) - Different results on the same slide counted by several individuals from the same laboratory should be reported without further evaluation.

After Counting :

In order to produce the final A.I.A. report within a reasonable time schedule, it is imperative that each set of slides remains no longer than 1 week in the same laboratory.

Results of the countings should be reported directly to the L.H.C.F. preferably by Fax (33.1) 42 94 98 86.

Detailed instructions explaining how to forward the set of slides to the next destination are given in the accompanying letter to each participant.

Provisional Data Sheet Report :

Upon returning their individual "Data Form Report" (copy enclosed), participants will receive a provisional "Position Data Sheet" (copy enclosed) showing how they have performed in comparison with the previous evaluations already available for these slides.

This is primarily intended to give every counter early indications showing his approximate classification (Group 1, 2, or 3), which in turn is expected to be useful for modifying the laboratory practices if necessary.

Final Report :

An anonymous complete report on the 1991 slide exchange will be issued in the beginning of 1992 and circulated to all AIA members. Participants will be provided with a personal copy showing their final position following the latest statistical evaluation made by the L.H.C.F.

A.I.A. - FIBRE COUNTING TRIAL - 1991

INDIVIDUAL POSITION DATA SHEET

EXAMPLE

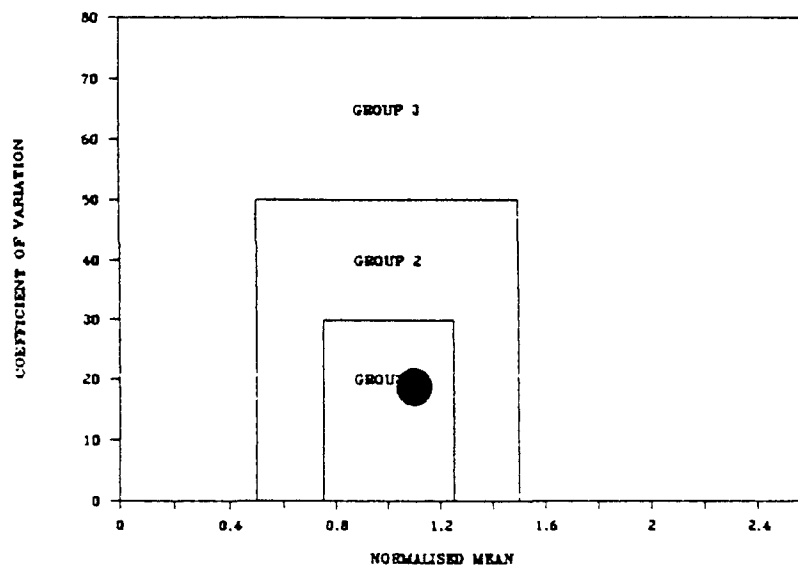
Name : Mr STAN SMITH
Company : S.B.V.M. COMPANY

Your countings and corresponding normalised results are reported below.

Slide N°	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Results F/mm ²	95.0	232.9	230.6	229.5	222.3	229.4	108.2	109.2	295.3	118.7	532.9	58.2	158.3	342.6	216.9
Norm. Results	1.04	0.73	1.51	0.98	0.88	1.27	1.40	1.21	0.99	1.02	1.19	0.96	0.99	1.20	1.21

Normalised Mean	:	1.11
Coefficient of Variation	:	18.4
Group	:	1

Your individual position is plotted on the following diagram:



Group 1 : Counters with normalised mean in the range
0,75 - 1,25 and coefficient of variation below 30 %

Group 2 : Counters with normalised mean in the range
0,5 - 1,5 and coefficient of variation below 50 %

Group 3 : Counters with normalised mean outside the range
0,5 - 1,5 or coefficient of variation above 50 %

INDIVIDUAL REPORT DATA FORM

Please complete this form and send your data by Fax to
L.H.C.F. "Fax : (33.1) 42 94 98 86".

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