

Insulations - Asbestos

4-29-80



1. F.E. Cobb - Insulator

14 fibers/100 fields

.14 fibers/field

$$.14 \times 855$$

$$6.24 \times 1.126$$

$$= .15 \text{ fibers } > 5 \mu\text{m/cm}^3$$

4 F.E. Cobb - Insulator

58 fibers/100 fields

.58 fibers/field

$$.58 \times 855$$

$$6.24 \times 2.16$$

$$= .37 \text{ fibers } > 5 \mu\text{m/cm}^3$$

7 F.E. Cobb - Insulator -

21 fibers/100 fields

.21 fibers/field

$$.21 \times 855$$

$$6.24 \times .60$$

$$= .48 \text{ fibers } > 5 \mu\text{m/cm}^3$$

10 F.E. Cobb - Insulator

4 fibers/100 fields

.04 fibers/field

$$.04 \times 855$$

$$6.24 \times .90$$

$$= .06 \text{ fibers } > 5 \mu\text{m/cm}^3$$

$$\text{TWA - F.E. Cobb} = (.15 \times 63) + (.37 \times 108) + (.48 \times 30)$$

$$= 9.45 + 39.96 + 14.4 + 2.7$$

$$= 66.51$$

TWA

$$/ 480 = .14 \text{ fibers } > 5 \mu\text{m/cm}^3$$

UCC 024670

Calculations - Asbestos

4-29-80

#2 T.L. Jividen - Timsmith

43 fibers/100 fields

.43 fibers/field

$$.43 \times 855$$

$$6.24 \times 114 = \underline{0.52 \text{ fibers } 75 \mu\text{m} / \text{cm}^3}$$

#5 T.L. Jividen - Timsmith

100 fibers/100 fields

1 fiber/field

$$1 \times 855$$

$$6.24 \times 222 = \underline{0.62 \text{ fibers } 75 \mu\text{m} / \text{cm}^3}$$

#8 T.L. Jividen -

Calculations - ASBESTOS

4-29-80

3 T.G. Grant - laborer 36 fibers/100 field

.36 fiber/field

36 x 855

$$6.24 \times 116 = .43 \text{ fibers} > 5 \mu\text{m/cm}^3$$

#6 T.G. Grant - laborer 108 fclers/100 fields

1.08 felera / field

1.08×855

$$6.24 \times 232 = 0.64 \text{ fibers } > 5 \mu\text{m}/\text{cm}^3$$

#9 - T.G. Grant - labour 44 fibers/100 fields

. 44 filters/field

$$.44 \times 855$$

$$6.24 \times 10^{18} = 0.34 \text{ fibers } (5 \mu\text{m})/\text{cm}^3$$

$$TWA - T.G. Grant = (.43 \times 58) + (.64 \times 116) + (.34 \times 89)$$

$$= 24.94 + 74.24 + 30.26$$

$$= 129.44 / 480 = .27 \text{ fibers } / 5 \mu\text{m} / \text{cm}^3$$

Calculations - Asbestos

4-29-80

2 T.L. Jividen - Tinsmith

43 fibers/100 fields

43 fibers/field

$$.43 \times 855$$

$$6.24 \times 114 = \underline{0.52 \text{ fibers } 75 \mu\text{m} / \text{cm}^3}$$

5 T.L. Jividen - Tinsmith

100 fibers/100 fields

1 fiber/field

$$1 \times 855$$

$$6.24 \times 222 = \underline{0.62 \text{ fibers } 75 \mu\text{m} / \text{cm}^3}$$

8 T.L. Jividen -

Calculations - ASBESTOS

4-29-80

3 T.G. Grant - laborer 36 fibers/100 field
 .36 fibers/field

$$\frac{.36 \times 855}{6.24 \times 116} = .43 \text{ fibers } > 5 \mu\text{m/cm}^3$$

6 T.G. Grant - laborer 108 fibers/100 field
 1.08 fibers/field

$$\frac{1.08 \times 855}{6.24 \times 232} = 0.64 \text{ fibers } > 5 \mu\text{m/cm}^3$$

9 - T.G. Grant - laborer 44 fibers/100 field
 .44 fibers/field

$$\frac{.44 \times 855}{6.24 \times 178} = 0.34 \text{ fibers } > 5 \mu\text{m/cm}^3$$

$$\begin{aligned} \text{TWA - T.G. Grant} &= (.43 \times 58) + (.64 \times 116) + (.34 \times 89) \\ &= 24.94 + 74.24 + 30.26 \\ &= \frac{129.44}{480} = .27 \text{ fibers } > 5 \mu\text{m/cm}^3 \end{aligned}$$

Asbestos - So. Chas.

4-16-80

Construction - So. Chas. Plant

Stripping approx 200ft Asbestos

Northeast of

West of Bldg 71 on pipe rack

Bldg. 36

Wore coveralls, gloves, Norton disposable masks
Used Hudson garden sprayer to wet down
AM

#1 M. R. Finney - Ins. "Mike"

stop - ^{10 77}
~~X 77~~

SS# 234-02-7947

start - 0840

Dept # ~~93~~ 93633

2' 37"

¹²⁰
+37

Smoke }
Chew } no

157 minutes

314 liters

AM

#2 T. J. Kennedy - Ins. Joe

stop - ^{10 75}
~~X 75~~

SS# 233-92-6557

start - 0845

Dept 93633

2 30 "

¹²⁰
+30

Smoke - yes
Chew - no

150 minutes

300 liters

AM

#3 M. Smith Marcie Laborer

stop - ^{10 80}
~~X 20~~

SS# 231-40-8153

start - 0845

Dept. 936³⁹~~34~~ ?

2' 35"

¹²⁰
35

Smoke - yes
Chew - no

155 minutes

310 liters

J.R. Hall
Homer Reveal

Shipping Insulation - South Charleston Const. 4-16-80

#4 ML Finney - PM - Ins. stop 1515
start 1305 120
2' 10" +16
130 minutes
260 liters

#5 TJ Kennedy - PM - Ins stop 1515
start 1310 1
2 05 = 125 minutes
250 liters

#6 M. Smith - PM - Laborer stop 1515
start 1310
2 05 = 125 minutes
250 liters

4-17-80

1 M.L. Finney - A.M. - Insulator - 109 fibers/100 field
1.09 fibers/field

$$\frac{1.09 \times 855}{6.24 \times 314} = 0.48 \text{ fibers} \rightarrow 5 \mu\text{m}/\text{cm}^3$$

2 T.J. Kennedy - A.M. Insulator 293 fibers/100 fields
2.93 fibers/field

$$\frac{2.93 \times 855}{6.24 \times 300} = 1.34 \text{ fibers} > 5 \mu\text{m}/\text{cm}^3$$

3 M. Smith - A.M. Laborer 30 fibers/100 field
.3 fibers/field

$$\frac{.3 \times 855}{6.24 \times 310} = .13 \text{ fibers} > 5 \mu\text{m}/\text{cm}^3$$

4 M.L. Finney - P.M. - Insulator 63 fibers/100 field
.63 fibers/field

$$\frac{.63 \times 855}{6.24 \times 260} = .33 \text{ fibers} > 5 \mu\text{m}/\text{cm}^3$$

→

5 T.J. Kennedy - P.M. - Insulator 77 fibers/100 field
.77 fibers/field

$$\frac{.77 \times 855}{6.24 \times 250} = .42 \text{ fibers} > 5 \mu\text{m}/\text{cm}^3$$

6 M. Smith - Laborer - P.M. 12 fibers/100 fields

$$\frac{.12 \times 855}{6.24 \times 250} = .07 \text{ fibers} > 5 \mu\text{m}/\text{cm}^3$$

$$M.L. Finney - TWA = (.48 \times 157) = 75.36$$

$$(.33 \times 130) = + 42.9$$

$$118.26 / 480 = .246 \text{ fibers/cm}^3$$

$$T.J. Kennedy - TWA = (1.34 \times 150) = 201$$

$$(.42 \times 125) = + 52.5$$

$$253.5 / 480 = .528 \text{ fibers/cm}^3$$

$$M. Smith - TWA = (.13 \times 155) = 20.15$$

$$(.07 \times 125) = 8.75$$

$$28.9 / 480 = .06 \text{ fibers/cm}^3$$

4349 4-
Bell Styrke

puller front
stripping ~~exhaust~~ duct
and boiler front

#1 Powerhou

#2 Boiler second level

stop 0930

#1 G.H. Landers - Insulator

start 0830

2-LPM

1 hr - 60 minutes

120 liters

#2 D.K. Naylor - Laborer

stop 0930

SS# 236860431

start 0830

Dept. #

1 hr = 60 minutes

2-LPM

120 liters

#3 B.M. Beckett - Insulator

stop 0930

2-LPM

start 0830

1 hr = 60 minutes

120 liters

Boiler shut down and coal.

Calculations

4-15-80

#1 Powerhouse Institute

#1 G.H. Landers - inv. 31 fibers/100 fields

SS #

.31 fibers/field

Dept. #

$$.31 \times 855$$

$$6.24 \times 120$$

$$= .35 \text{ fibers } > 5\mu\text{m}/\text{cm}^3$$

→

#2 D.K. Naylor laborer

31 fibers/100 fields

SS #

.31 fibers/field

Dept. #

$$.31 \times 855$$

$$6.24 \times 120 =$$

$$.35 \text{ fibers } > 5\mu\text{m}/\text{cm}^3$$

#3 B.M. Beckett - inv.

42 fibers/100 fields

SS #

.42 fibers/field

Dept. #

$$.42 \times 855$$

$$6.24 \times 120$$

$$= .48 \text{ fibers } > 5\mu\text{m}/\text{cm}^3$$

10 G. H. Landers - Insulator
2 LPM
stop 1483
start 1445
38 minutes
76 liters

11 D. K. Naylor - Laborex
stop 14107
start 1458
49 minutes
98 liters

12 D. K. Milan - Insulator
stop 1484
start 1457
27 minutes
54 liters

ASBESTOS

4-1-80

BLDG 773

48 ft of 3 inch line of condensate line
first floor north ^{side of bldg. along} of operating area.

#1 John Greenlee - coat mee stop ^{10 60}
~~7:00~~

2 LPM

start 0935

stripping

1' 25"

Wore coveralls and respirator

85 minutes

Watered good

170 liters

#2 Bonnie Raines - coat mee stop ^{10 61}
~~7:01~~

Bagging - wore respirator

start 0935

Bagged in plastic bags

1' 26"

86 minutes

172 liters

Coat mee didn't bring Barriers and Warning signs

Didn't bring Broom

1435

#3 John Greenlee
2-LP NY

Stop

14 65
~~15 05~~

13 45
~~14 35~~

Start

1240

1240

1'55"

2'25"

115 minutes

230 liters

#4 Ronnie Raines

stop

14 65
~~15 05~~

13 45
~~14 35~~

Start

1245

1245

2'20"

1'50"

110 minutes

220 liters

Asbestos

Counted 4-2-80

#1 - John Greenlee - A.M. 54 fibers/100 fields 170 liters
4-1-80 .54 fibers/field

$$\frac{.54 \times 855}{6.24 \times 170} = 0.4 \text{ fibers } > 5 \mu\text{m/cm}^3$$

#2 - Ronnie Raines - A.M. 28 fibers/100 fields 172 liters
.28 fibers/field

$$\frac{.28 \times 855}{6.24 \times 172} = 0.2 \text{ fibers } > 5 \mu\text{m/cm}^3$$

#3 John Greenlee - P.M. - 31 fibers/100 fields 230 liter
.31 fibers/field

$$\frac{.31 \times 855}{6.24 \times 230} = 0.2 \text{ fiber } > 5 \mu\text{m/cm}^3$$

#4 Ronnie Raines - P.M. 19 fibers/100 fields 220 liter
.19 fibers/field

$$\frac{.19 \times 855}{6.24 \times 220} = 0.1 \text{ fiber } > 5 \mu\text{m/cm}^3$$