

INTEL INDUSTRIAL ENGINE

AIR SAMPLING DATA SHEET

LOCATION

Hollabrook

PLAINTIFF'S EXHIBIT

CT-1418

SAMPLING METHOD

MINANT

FIBERGLASS ☐ TOTAL DUST, OPEN FACE ☐ FIBERGLASS #

ASBESTOS ☐ TOTAL DUST, CLOSED FACE ☒ .8 µm CF MILLIP

SILICA DUST ☐ RESPIRABLE DUST (CYCLONE, 1.7 LPM) ☐ PVC FWS-B

ASPHALT FUMES ☐ ORGANICS ☐ CT ☐ SILICA GEL

TOTAL DUST ☐ IMPINGER SOLUTION

OTHER: ☐ OTHER

EMPLOYEE SMOKE? ☐ NO ☐ YES

RETTES ☐ PIPE ☐ CIGARS ☐

R DAY

PRODUCTS, PRODUCTION RATE: 4" 150 800

☒ NORMAL OPERATIONS

☐ DOWNTIME

OR EQUIPMENT MANUFACTURER: ☐ BENDIX ☐ SIPIN ☐ OTHER: P4000

☒ DUPONT ☐ MSA

REMARKS: *John*

MACHINE LOCATION AND NUMBER: #1 Pumping mill

PERSONAL SAMPLE

*Johnny Slack*

TITLE: #1 Pumping

EMPLOYEE NUMBER: 23

AREA SAMPLE ☐

LOCATION

EMPLOYEES IN AREA

JOB TITLE

| CONTROL NO. | PUMP SERIAL | SAMPLE NO. | START TIME | STOP TIME | TOTAL (MIN) | LPM  | VOLUME LITERS | DUST WEIGHT FIBERS/FILTER | AIRBORNE CONCENTRATION |
|-------------|-------------|------------|------------|-----------|-------------|------|---------------|---------------------------|------------------------|
| 064         | 4973        | 770        | 8:00       | 10:35     | 155         | 2.08 | 322.4         | 812036.25                 | 72.519                 |
| 065         |             | 783        | 10:35      | 10:50     | 15          |      | 31.2          | 9712.80                   | .311                   |
| 066         |             | 785        | 10:50      | 1:15      | 145         |      | 301.6         | 551973.75                 | 1.83                   |
| 067         |             | 790        | 1:15       | 2:47      | 92          |      | 191.3         | 140475.79                 | .73                    |
| 068         |             | 797        | 2:47       | 3:50      | 63          |      | Void          | Sample                    |                        |

DO THE EMPLOYEE WEAR A RESPIRATOR? ☐ NO ☒ YES ☐ SOME OF THE TIME

WHEN: 8:00 - 10:35

(MANUFACTURER, MODEL, CARTRIDGE)

AUDIOMETER: Manufacturer *Deper*

Model

Setting: 85 or 90

HEARING PROTECTION USED? ☐ NO ☐ YES ☐ SOME OF THE TIME...WHEN?

MANUFACTURER TYPE

| Dosimeter No. | Cell No. | Time on | Time off | Total Time | Results | Corrected to hour Full day |
|---------------|----------|---------|----------|------------|---------|----------------------------|
| 9133          | 1974     | 8:00    | 3:50     | 470        | 148     | 151                        |

COMMENTS: (SKETCHES, LAYOUTS, & CALCULATIONS ON BACK)

10:35 4" 150 330 cfm  
Employee seemed to be  
work extra hard  
10:50 10:35 - 10:50  
dust & fumes  
still in  
in cfm  
only on  
4" area

4" 150 cfm on conveyor shown to #1 B.M.  
1/2 cfm reject from conveyor transfer  
to conveyor for crushing  
take site while on conveyor

SIGNATURE: *John*

SAMPLE DATE: 5/29/80 Thru

GENERAL INFORMATION:

Employee *John*  
Leaves *10:35*  
before in cfm  
good ventilation  
2 miles close together  
causing air turbulence

WEATHER CONDITIONS:

OUTSIDE TEMP. *6" 200*

WIND DIRECTION *JBIC*

WIND VELOCITY *Run 1/2 as fast*

BAROMETRIC PRESSURE *started 12:30*

SUNNY ☐ RAIN ☐

PARTLY ☐ SNOW ☐

CLOUDY ☐ STEAMY ☐

CLOUDY ☐ HUMID ☐

FOG ☐

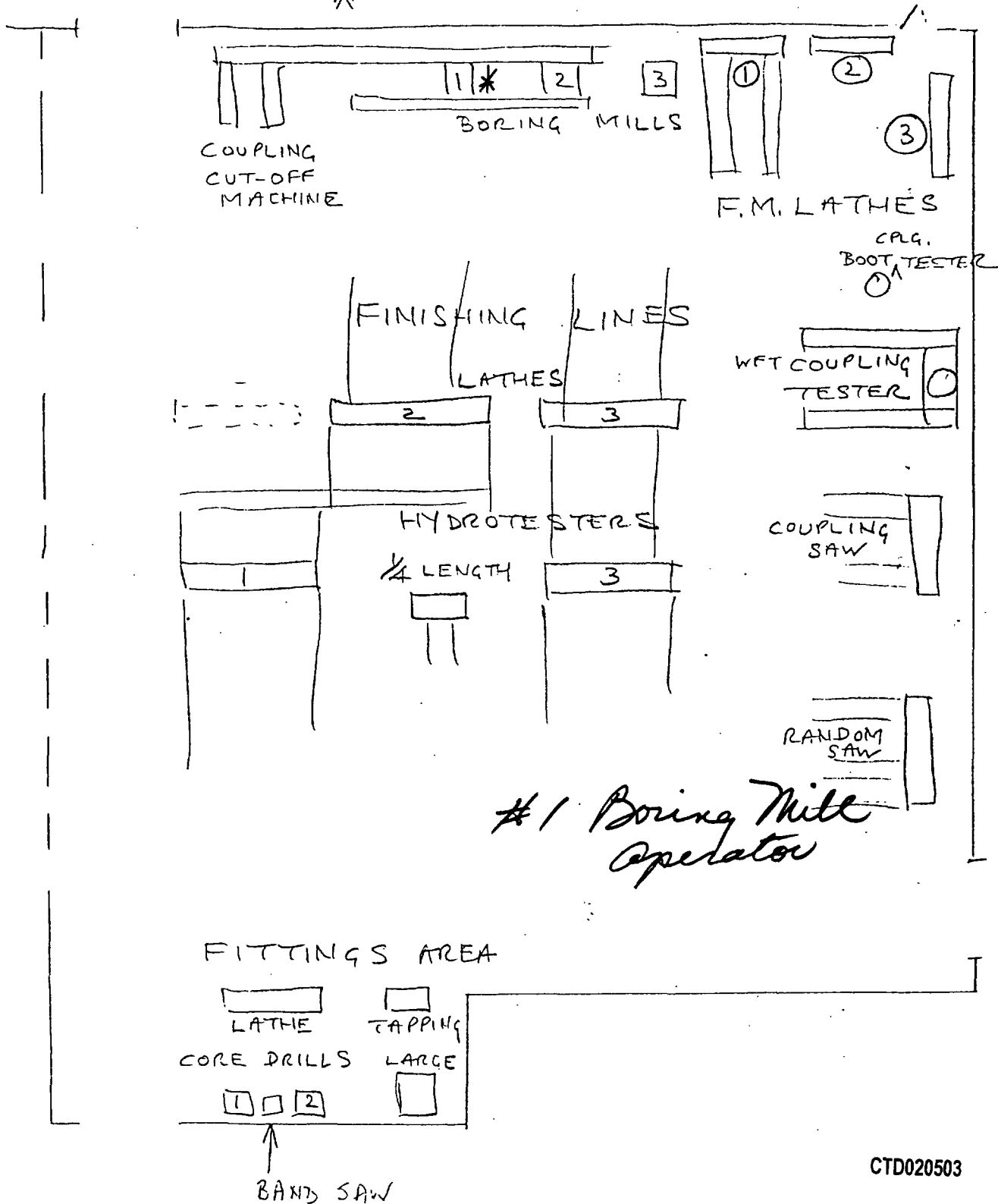
90 finished 4" 6"  
ran 5-6"  
only 1/2 hr.

Pump slowed at end of day

CTD020502

# HILLSBORO FINISHING DEPT. PLANT 'A'

N  
↑  
PLANT REF.



Hillsboro

| CONTAMINANT                                  | SAMPLING METHOD                                             | ANALYSIS                                                        |
|----------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------|
| <input type="checkbox"/> FIBERGLASS          | <input checked="" type="checkbox"/> TOTAL DUST, OPEN FACE   | <input type="checkbox"/> FIBERGLASS                             |
| <input checked="" type="checkbox"/> ASBESTOS | <input type="checkbox"/> TOTAL DUST, CLOSED FACE            | <input checked="" type="checkbox"/> .8 $\mu$ CER MILLIP         |
| <input type="checkbox"/> SILICA DUST         | <input type="checkbox"/> RESPIRABLE DUST (CYCLONE, 1.7 LPM) | <input type="checkbox"/> PVC FWS-B                              |
| <input type="checkbox"/> ASPHALT FUMES       | <input type="checkbox"/> ORGANICS                           | <input type="checkbox"/> OTHER                                  |
| <input type="checkbox"/> TOTAL DUST          | <input type="checkbox"/> IMPINGER SOLUTION                  | <input type="checkbox"/> CT <input type="checkbox"/> SILICA GEL |
| <input type="checkbox"/> OTHER:              | <input type="checkbox"/> OTHER                              |                                                                 |

DOES EMPLOYEE SMOKE? ☐ NO ☐ YES  
 CIGARETTES ☐ PIPE ☐ CIGARS ☐  
 # PER DAY

PRODUCTS/PRODUCTION RATE:  
☒ NORMAL OPERATIONS  
☐ DOWNTIME

16" / 150

PUMP OR EQUIPMENT MANUFACTURER:

☐ BENDIX ☐ SIPIN ☐ OTHER:  
☒ DUPONT ☐ MSA

P4000  
MODEL

DEPARTMENT:

MACHINE LOCATION AND NUMBER:

☐ PERSONAL SAMPLE☐ AREA SAMPLE

NAME

J. Foster

LOCATION

JOB TITLE

Lg Cplg Saw / Nework

EMPLOYEES IN AREA

JOB TITLE

EMPLOYEE NUMBER

| CONTROL NO. | PUMP SERIAL | SAMPLE NO. | START TIME | STOP TIME | TOTAL (MIN) | LPM  | VOLUME LITERS | DUST WEIGHT FIBERS/FILTER | AIRBORNE CONCENTRATION |
|-------------|-------------|------------|------------|-----------|-------------|------|---------------|---------------------------|------------------------|
| 087         | 6595        | 763        | 10:00      | 10:45     | 175         | 2.10 | 367.5         | 680223.75                 | > 1.85 ✓               |
| 088         |             | 782        | 10:55      | 11:14     | 19          |      | 39.9          | 58312.99                  | 1.46 ✓                 |
| 089         |             | 787        | 11:14      | 1:16      | 122         |      | 256.2         | 294583.13                 | 2.45 ✓                 |
| 090         |             | 777        | 1:16       | 1:31      | 15          |      | 31.5          | 4955.37                   | .157 ✓                 |
| 091         |             | 786        | 1:31       | 1:48      | 17          |      | 170.1         | 23893.62                  | .14 ✓                  |
| 092         |             | 773        | 1:52       | 3:40      | 148         |      | 100.8         | 57882.36                  | .57 ✓                  |

DID THE EMPLOYEE WEAR A RESPIRATORY?

☐ NO ☒ YES☐ SOME OF THE TIME

goggles with 1.28

...WHEN:

(MANUFACTURER, MODEL, CARTRIDGE)

AUDIOSIMETER: Manufacturer

Dupont

HEARING PROTECTION USED?

MANUFACTURER

Model

☐ NO ☐ YES

TYPE

Setting: 85 or 90

☐ Some of the time...when?

| Dosimeter No. | Cell No. | Time on | Time off | Total Time | Results I | Corrected to hour Full day |
|---------------|----------|---------|----------|------------|-----------|----------------------------|
| 0538          | 1620     | 8:00    | 3:40     | 4:00       | 127       | 1325                       |

COMMENTS: (SKETCHES, LAYOUTS, &amp; CALCULATIONS ON BACK)

10:55 - 11:14

lot of dust left in cplg (2 min rest)  
1 min stopping  
20 cutsbetter section when coming close to end  
off pipe stick section in endrefer to Wild and shift  
sample data

dust coming out of front of saw

SIGNATURE:

SAMPLE DATE:

5/29/80 Thurs

GENERAL INFORMATION:

dust on pallets being transferred  
approx 15 cplg PW stick

lot of air near cplg test

1:15 started on  
nework saw 8" / 150

WEATHER CONDITIONS:

OUTSIDE TEMP.

WIND DIRECTION

WIND VELOCITY

BAROMETRIC PRESSURE

☐ SUNNY☐ PARTLY☐ CLOUDY☐ FOG☐ RAIN☐ SNOW☐ STEAMY☐ HUMIDhave air hose to help get dust  
skin vented in back of saw off machine

CTD020516

Revised Saw  
H H H H  
H H H H

Dust in cut pieces - released when thrown  
to hopper over saw  
Also lot of dust left in pipe on table.

Door near Revoir Saw wide open wind  
coming in door blows dust into entire  
dept could have effected these samples on line #3 finish.

1:16 - 1:31  
cut 20 cuts

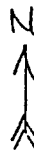
Good suction on saw while cutting  
comes out end heavy



good suction when cutting  
this end

CTD020517

# HILLSBORO FINISHING DEPT. PLANT 'A'



PLANT REF.

