Fiber Intro

Ambler

9/82

	Initials	Date
Prepared by		
Approved by		

Date	Classif	#	TWA	# filters	Ceiling	Non Pot	col (2)
8/81	Mixed	6V	.13	4	(1) .28		0.0169
3/81	Mix	IH	.71	3	—		0.5041
3/81	"	↓	.28	1	(1) .28		0.0784
3	Total	A=	1.12	8	(2) .28	0	B= 0.5994
N=							

$= 1.254 = A^2$

mean $= 1.12 \div 3 = 0.37$ ✓

$= \frac{1}{3-1} \times \left[0.5994 - \frac{1.254}{3}\right]$

$= .5 \left[0.5994 - 0.418\right]$

$V = .0907 \quad .0907 \quad .0906$ ✓

$\sqrt{V} = .9523 \quad .301$ ✓

CTD018499

PLAINTIFF'S EXHIBIT

CT-1208

Wet Mechanical

Ambler

	Initials	Date
Prepared by		
Approved by		

Date	Classif	#	TWA	# filters	Ceiling	Non Det	col 1 (2)
12/81	Press Opr	Pet	.17	3	—		0.0289
12/81	Mach Tend	↓	.19	3	—		0.0361
11/81	Hydro tester		.11	3	—		0.0121
11/81	wet saw		.48	4	—		0.2304
9/81	Press		.76	4	—		0.5776
9/81	Manuel Person		.09	4	—		0.0081
8/81	Press		.32	4	—		0.1024
7/81	Press		.33	4	—		0.1089
7/81	Press		.19	1	—		0.0361
7/81	Mach Tend		.30	3	—		0.09
6/81	Press		.56	2	—		0.3136
6/81	Tester		.26	3	—		0.0676
10/81	Line Tester		.16	3	—		0.0256
10/81	Tester		.29	2	—		0.0841
4/81	"		.45	1	(2) .45		0.2025
4/81	"		.14	2	—		0.0196
3/81	Manuel per		.12	2	—		0.0144
3/81	Tester		.11	2	—		0.0121
3/81	Wet cplg tester		.18	2	—		0.0324
2/81	Mach Tend		1.11	2	—		1.2321
2/81	Press		.68	3	—		0.4624
3/81	Press	IH	3.1	3	—		9.61
3/81	Press	↓	5.0	1	—		25.0
3/81	Manuel Hand		.81	2	—		.6561
3/81	Tester		.26	4	(1) .27		.0676
3/81	Kord Drill		.33	4	—		.1089
3/81	Wet Saw		.31	3	—		.0961
3/81	" " Help		.21	3	—		.0441
28	Total		17.02	77 ✓	(2) .27 - .45		39.2798

= 289.6804

CTD018500

Mean = $\frac{17.02}{28}$ = 0.608 ✓

$V = \frac{1}{28-1} \times \left[39.2798 - \frac{289.68}{28}\right]$

$= 0.037 \left[39.2798 - 10.35\right]$

$= 1.070$ ✓

$\sqrt{V} = 1.035$ ✓

Dry Mech (#1) Venus Drill ?

Ambler

	Prepared by	Initials	Date
	Approved by		

Date	Recap	#	TWA	# filters	Cal. no.	Non Act.
12/81	Crusher	OK	.50	3		.0000
12/81	Venus Drill	↓	.101	1		.0144
11/81	Timber Lathe		.17	3		.0289
11/81	Crusher		.56	3		.3136
11/81	Stripper		.07	3		.0049
11/81	Boring Mill		.44	2		.1936
11/81	Lathe Oper		.41	3		.1681
11/81	Pencil Sharp		.13	3		.0169
11/81	Lathe		.23	3		.0529
~~10/81~~	~~Tape Feeder~~	~~✓~~	~~.00~~	~~3~~		
10/81	Lathe		.18	3		.0324
~~10/81~~	~~Feeder~~		~~.29~~	~~3~~		
10/81	Crusher		.32	3		.1024
9/81	Saw Oper		.13	4		.0169
8/81	Detail		.12	2		.0144
8/81	Cold Saw		.35	2		.1225
8/81	Stripper		.08	3		.0064
7/81	Lathe		.15	1		.0225
7/81	Drill (Venus)		.44	2		.1936
6/81	Lathe		.32	1		.1024
6/81	Pencil Sharp		.14	2		.0196
6/81	Crusher		.15	1		.0225
6/81	Lathe		.28	1		.0784
6/81	Strip		.08	2		.0064
6/81	Lathe		.13	2		.0169
5/81	Assembler		1.0	2		1.000
5/81	Pencil Sharp		.22	1		.0484
5/81	"		.2	1		.040
5/81	Bor Mill		.25	2		.0625
5/81	Grinder		.21	1		.0441
5/81	Bor Mill		1.44	2		.2074

CTD018501

Dry Mech (#2)

Ambler

	Initials	Date
Prepared by		
Approved by		

Date	Classif	#	TWA	# filters	Ceiling	Non Pt.	col (2)
5/81	Box Mill	OH	.56	4	—		.3136
5/81	Unit Iron	↓	.25	2	—		.0625
4/81	Lathe		.33	2	—		.1089
3/81	O Mark Saw		.89	2	(1) .22		.7921
2/81	Lathe		.5	4	—		.250
2/81	Stripper		.09	1	—		.0081
2/81	Crusher		.63	3	—		.3969
2/81	Tray loader		.32	3	—		.1024
3/81	Lathe	TH	.15	2	—		.0225
3/81	Lathe		.10	1	—		.0100
3/81	Lathe Help		.15	4	—		.0225
3/81	" "	↓	.25	1	—		.0625
3/81	Boiler (Sewer)		.23	3	—		.0529
3/81	B. Mill		.36	3	—		.1296
3/81	" "		.13	3	—		.0169
3/81	Pencil Sharp		.31	2	—		.0961
3/81	Lehman		.35	3	—		.1225
3/81	Lathe		.10	2	—		.010
3/81	Cplg Stacker		.14	1	—		.0196
48	Total		14.761	108	(1) .22		5.8568
			217.8871				

Mean = ~~[illegible]~~ / ~~48~~ = ~~0.308~~ ~~[illegible]~~ .4012 .30079 .3075 .3109

V = ~~[illegible]~~ × [~~5.8368 − 217.89~~ / 48] ~~[illegible]~~

= ~~[illegible]~~

= ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ .0673 .5260 .0682

√V = ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ .2594 .7252 .2611 .2577

CTD018502

Other

Tembler

	Initials	Date
Prepared by		
Approved by		

Date	Classif	#	TWA	# filters	Ceiling	Non Pt.	Col 1²
12/81	Sweeper	[illegible]	.09	2	—		.0081
7/81	Sweeper	↓	.06	2	—		.0036
3/81	Pumpist	IA	.11	3	—		.0121
3	Total		0.26	7	—		.0238
			.0676				
1/82	Cleanup		—	1	12.3		
1/82	Cleanup		—	1	6.6		
1/82	Cleanup		—	1	3.9		
1/82	Cleanup		—	1	2.1		
1/82	Cleanup		—	1	6.5		
1/82	Cleanup		—	1	4.0		
1/82	Cleanup		—	1	3.7		
1/82	Cleanup		—	1	0.8		
1/82	Cleanup		—	1	1.0		

Shutdown Clean up

~~Mean = 0.26/3 = 0.087~~

~~V = 1/(3-1) [0.0238 - 0.0676/3]~~

~~= .5 [0.0238 - 0.0225]~~

~~= 0.00065~~

~~TV = 0.0258~~

Mean = 0.0866

SD = 0.025

V = 0.0006

CTD018503