930-2057

Schedule For Asbestos Removal

WK End. 10/16/87

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
Complete 36	930-2030	Strip Asbestos from No 4 & 5 Reactors	9-28-87	11-13-87	2206.	3220 677
Complete 36	838-2H01	Reinsulate No 4 & 5 Reactors & Ass. piping	9-28-87	11-13-87	1406	1210
Complete 156	930-2057 11300	scaffold strip, Reinsulate still East of Ass piping	9-1-87	10-16-87	100	117.5
Complete 156	930-2057 11800	Reinsulate 108' HX18 85' HX3 Scaffold	8-10-87	10-30-87	300	240
Complete 42	930-2057 07700	Build Negative enclosure Around Quad. in 42 & still in Bldg 4 & strip. Cut Ins. Around Quad.	9-21-87	11-20-87	160	152
47	930-2057	Strip No1 Auto Clave Scaffold & Build Negative [illegible]	10-5-87	11-15-87	520	239

UCC 019763

PLAINTIFF'S EXHIBIT UC-3137

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930-2057

Schedule For Asbestos Removal

WK End. 10/16/87

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
82	930-2057 09999	Strip Asbestos from ~~Water~~ Lines in pipe Chases Also steam in Chases Each Level each Stairway, Reinsulate 952 piping	8-13-87	11-15-87	1175	859 1
Pipe Rack	930-2057 00700	Patch & Seal Asbestos on Steam Headers 600# 200# 30#	6-1-87	11-30-87	1780	1215.5
103	930-2057 10600	Strip Asbestos from Tank 643/644, Blast Paint Reinsulate 2400 ~~#~~ Lnfg. 90' Piping	5-28-87	11-30-87	750	403.5
36	930-2057 16900	Remove Asbestos 800' Piping	5-28-87	11-15-87	560	325
174	930-2057 12100	Strip Approx 2489' Piping Seal & Reinsulate	10-2-87	12-30-87	TCP 1970	201
~~Complete~~ 307	930-2057	Strip Asbestos & Seal.	10-12-87	10-16-87	8	6

UCC 019764

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930-2057

Schedule For Asbestos Removal

WK End. 10/16/57

cation	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
103	930-2057 10600	Strip Asbestos & Reinsulate & seal in #103, 90 sq ft Lagg. 280' piping 3rd Floor & Roof	7-1-87	11-15-87	294	
103	930-2057 10600	Strip Asbestos & Reinsulate & seal in #103 1st and Floor 544' piping	7-15-87	11-15-87	484	262
Completed 103	930-2057 10600	Strip Asbestos & Reinsulate West & North of Bldg 103 616' piping Rdway South 120' 3x1½	7-15-87	11-30-87	700	708
144	930-2057 06400	Strip Approx 750' piping 708 sq ft Lag on Spc. Equipment 1st Floor	7-20-87	11-15-87	1787	1357
103	930-2057 10600	Scaffold Strip 368' 2x1 Reinsulate N.E. Corner #103	10-12-87	11-30-87	300	167
12	930-2057	Strip Asbestos from 100' 4x1½, 60' 6x1½, 18' 3x1½, 21'	5-7-87	11-30-87	675	549.5

UCC 019765

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930-2057

Schedule For Asbestos Removal

WK End. 10/16/87

ation	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
154	930-2057 005300	So. structure & Roof strip Approx. 100' piping & Seal	9-21-87	11-30-87	72	
154	930-2057 008300	Bldg & East Rack strip & seal Approx 360' Piping	9-28-87	11-30-87	264	
153	930-2057 008300	West structure strip & seal approx 225' piping	10-9-87	12-11-87	160	8
153	930-2057 008300	Bldg & North Rack strip & seal Approx 120' Piping	10-9-87	12-11-87	96	
152	930-2057 008300	West Rack & 1st Floor strip Approx 451' patch & Seal	10-19-87	12-31-87	360	
—	930-2057	2nd & 3rd Floors strip Approx. 279' Asbestos & Patch	10-19-87	12-31-87	160	

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930-2057

Schedule For Asbestos Removal

WK End. 10/16/57

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
152	930-2057 00830D	4th & 5th Floors. 290' piping	10-19-87	12-31-87	300	
157	930-2057 08200	Bldg. & structure East 15H 475' piping.	10-19-87	12-31-87	500	
177	930-2057 08300	Bldg & west Tank Farm 450'	10-6-87	11-30-87	550	339
323	930-2057 0H900	Racks & Tank Farm & West end 303 strip & Patch Approx 2000' piping	9-28-87	12-31-87	1800	803.5
106	930-2057 35500					
[illegible]	930-2057	strip Asbestos per foreman	9-25-87	11-15-87		110

UCC 019767

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Complete

930-2057-07700

#42

Quad. & still in Hot.

Build Negative enclosure around the Quad & Cut Hole for Entry for Shutdown Fix Leak in Bott. Flange.

72		1586.40
51	o.t.	1685.55
28		639.16
1		42.92

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930-2030 Complete

3/27/87

Asbestos Removal/Bldg 36
II 4+5 Reactors plus piping in enclosure.

A negative pressure enclosure was built after scaffolding. They had planed to start stripping asbestos on Friday eve. shift. A meeting was called 1:30 Friday Ketcham, Weese, Hewett, Hull, Price, Larch, Barrett Jr. & Ketcham said she couldn't be down 5 days (strip, Blast & Paint & Reinsulate) So the stripping Asbestos was called off until she could shutdown. the Negative pressure enclosure was torn down. Scaffold was Left in place. Removed cuts for inspection of Equipment. (Thickness)

930-2030

M. Hrs		$
234		4356.62
26	Overtime	714.52
40	2nd shift +.25	802.24
15	3rd shift +.50	423.30
Pus	Scaffolding	3428.00
36		1749.24
110		2991.42
108		3039.36

Rental on Scaffold
$1376 Per Month

302.5

DOWN July

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Complete

36
53800-2401

204	5645.68
157	4325.92
156	5773.68
156	5519.04
8	212.80
96	4838.28
208	7967.66
100	4009.26
96	4633.20
24	659.60

UCC 019770

Complete

II
156
930-2057-11300

Insulate 10'6" 1½ x 1½
55' H x 3
That was stripped before. 22 M.H. 873H.48
strip 150' 2" Line in Rack 11H 806.64
-6 73.74

UCC 019771

Complete

#156

930-2057-11300

Strip Asbestos from Still
5' : 20 2½" thick & Reinsulate
Strip 150' 2" Asbestos

48 Carp	1536
100	2138.96
581.5	16476.[illegible]
120	4735.78
206	5780.84
164	4362.20
20.	315.48
24 Carp	768.
164	4438.65

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Complete

1/13

930-2057-10600

Strip Asbestos West & North of Bldg.

6'6" piping + 120' 3x1½ Rainey So.

-Share Audit

252 M.H.	6300.00
16	256.64
8	268.50
40	1120.84
24	504.60
36	1178.118
24	434.16
56	1117.60
116	2089.96
30	589.24
86	1690.56

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Complete

307

930-2057-3H200

Remove Insulation (Asbestos) — 6 — 12.5.16

from Misc Piping

UCC 019774

Non Asbestos

Schedule For Asbestos Removal

WK End. 10/16/87

cation	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
156	195004	Insulation Per Conners #156	9-1-87	12-30-87		128
216	201354	Scaffold, strip Foam Blast, Paint, Insulate Bott. sect. 605, 606 Tanks	7-1-87	11-30-87	400	300
176	202H22	Insulate Condensate Pot.	9-8-87	11-15-87	45	26
Complete 216	19H625	Insulate 2" water Line	9-8-87	11-15-87	36	8
216	201307	strip Ins. Blast, Paint Reinsulate Tank 661/662	4-22-87	11-30-87	770	106
196	200330	Build Scaffold	10-15-87	12-15-87		70

UCC 019775

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Non Asbestos

Schedule For Asbestos Removal

WK End. 10/16/87

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
103	206053	Blast, Paint, Reinsulate Tanks 603, 604	7-13-87	11-30-87	1680	1144
36	201091	Strip Back 1' each way To dry Insulation & Reinsulate Eth Oxide Line Lower Island.	6-15-87	12-30-87	404	162
Complete 133	199997	Insulate 170' 2x1½ & 170' 5x1½ After Traced	9-15-87	10-30-87	250	220
216	200HH5	Scaffold, Blast, Paint Repair, Reinsulate Tanks 71, 72, 8482/8483	9-15-87	12-15-87	2160	1194
Lower Bridge	206470	Strip Insulation per eng. Dept.	9-15-87	10-30-87	24	8
Complete 195	200694	Ins. Misc Piping	10-2-87	10-18-87	24	60

UCC 019776

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All Insulate

19/625

216

Insulate 2" Waterline

Complete

8 M.H. 195.92

UCC 019777

Non Asbestos

133

199774

Complete

Insulate	172' 1½ x 1½	35 MH	896.36
	172' 5 x 1½	90	2430.40
	24' 8 x 1½	85	2346.00
		4	105.60

UCC 019778

Non Asbestos

#195

200694

Comp. #

Insulate 6" Line

60 1513.10

UCC 019779

930-2057

Schedule For Asbestos Removal

WK End. 10/30/87

Section	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
15H	930-2057 008300	So. structure & Roof strip Approx. 100' piping & Seal	9-21-87	11-30-87	72	
15H	930-2057 008300	Bldg & East Rack strip & seal Approx 360' Piping	9-28-87	11-30-87	264	
15J	930-2057 008300	West structure strip & seal approx 225' piping	10-9-87	12-11-87	160	8
15J	930-2057 008300	Bldg & North Rack strip & seal Approx 120' Piping	10-9-87	12-11-87	96	
15A	930-2057 008300	West Rack & 1st Floor Strip Approx 457' patch & Seal	10-19-87	12-31-87	360	172
15A	930-2057 008300	2nd & 3rd Floors strip Approx 279' Asbestos & Patch & Seal.	10-19-87	12-31-87	160	

UCC 019780

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Non Asbestos

Schedule For Asbestos Removal

WK End. 10/30/87

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
Waste Treatment	202462	Repair & Insulate per List.	10-26-87	11-15-87		
195	197335	Misc. Insulation at 195	10-15-87	12-15-87		80
5	201747	Make Removable pads for No.1 Heat Exchanger Bldg 5				

UCC 019781

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930-2057

Schedule For Asbestos Removal

WK End. 10/30/87

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
82	930-2057 09999	Strip Asbestos from Water Lines in pipe Chases Also steam in Chases Each End each Stairway, Reinsulate 950 piping	8-13-87	11-15-87	1250	1099
Pipe Rack	930-2057 00700	Patch & Seal Asbestos on Steam Headers 600# 200# 30#	6-1-87	11-30-87	1780	1219.5
103	930-2057 16600	Strip Asbestos from Tank 643/644, Blast & Paint Reinsulate 2400 ~~#~~ Lnfg. 90' Piping	5-28-87	11-30-87	950	825.5
36	930-2057 16900	Remove Asbestos 800' Pipings	5-28-87	11-15-87	560	
174	930-2057 17100	Strip Approx 21199' Piping Seal & Reinsulate	10-2-87	12-30-87	1970	618
Complete 42	930-2057 07700	Strip No 1 Auto Clave Scaffold, Build Negative enclosure 147'6x1½, 84'4x1½, 862 ~~#~~ Lnfg	10-5-87	11-15-87	600	637

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Non Asbestos

Schedule For Asbestos Removal

WK End. 10/30/87

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
103	206053	Blast, Paint, Reinsulate Tanks 603, 604	7-13-87	11-30-87	1680	394
56	201091	Strip Back 1 inch way to Dry Insulation + Reinsulate Eth Oxide Line Lower Island.	6-15-87	12-30-87	404	162
216	200HH5	Scaffold, Blast, Paint strip, Repair, Reinsulate Tanks, 71, 72, 8482/8483	9-15-87	12-30 87	2160	1194
Lower Bridge	206H70	Strip Insulation per Eng. Dept.	9-15-87	11-30-87	341	8
156	19500H	Insulation Per Conners Bldg 156.	9-1-87	12-30-87		125
216	201354	Scaffold, strip Foam Blast, Paint, Insulate Both Section 605, 606 Tanks	9-8-87	11-15-87	400	300

UCC 019783

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930-2057

Schedule For Asbestos Removal

WK End. 10/30/87

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
101	930-2057 00100	Insulate Pump & Piping in Bottom of Bldg 101	10-15-87	11-30-87		239
Complete 151	930-2057 00H00	Build Negative enclosure & strip 1 pc Eq. for Maint.	10-15-87	11-05-87	48	47
151	930-2057 00H00	share Audit No 11	10-15-87	11-30-87		
Complete 156	930-2057 11300	Remove Asbestos from Misc. Piping	10-15-87	11-5-87	60	56

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Complete

36

930-2057-16900

Finish Insulating Reactors H 45

Money spent before Work was done

Job Held up 4 & 5 Months.

16	566.32
116	3227.52
176	4641.80
100	2630.88
86	2460.96
118	2047.18

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Complete

4

930-2057 - 30.7700

Strip 4/0 1 Ft Wire 50	2560.00
20	385.00
88	1395.56
102	1867.26
40	751.28
179	3366.97
2	84.93
102	1908.80
22	355.80
1	45.00
1	44.63

UCC 019786

Complete

151

930-2057-00400

Strip Item for Maint. Build. Negative enclosure		39 MH. 8	1310.21 238.00

UCC 019787

Complete

II
156

930-2057-11300

Misc Piping		56 MH.	1181.10

UCC 019788

930-2057

Schedule For Asbestos Removal

WK End. 10/30/87

Location	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
103	930-2057 10600	Strip asbestos & Reinsulate & seal in Bldg 103 1st & 2nd Levels. 600' piping	7-15-87	1215-87	540	428
144	930-2057 06400	Strip Approx 750' piping 708 sq ft Insg on Spe Eq. 1st Floor & Reinsulate	7-20-87	12-30-87	2000	1673
103	930-2057 10600	Scaffold strip 368' Piping Reinsulate N. E. Corner 103.	10-12-87	11-30-87	350	233
112	930-2057 07700	Strip Asbestos from 100 4x1½, 60'cx1½, 18'3x1½, 21'cx3, 75'2x1, 33'1x1, 42'15x1 N.E Corner #2 structure.	8-7-87	11-30-87	650	579.5
Complete 36	930-2057 16900	Finish Insulation on Reactors No. 4. 45 One third of money spent before Job Started.	10-15-87	10-30-87		612
307	930-2057 30000	Strip Misc Piping	10-15-87	11-30-87		20

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Union Asbestos

Schedule For Asbestos Removal

WK End. 10/30/87

ocation	Job No.	Job Description	Starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
196	202422	Insulate Cond. Pot.	9-8-77	11-15-87	18	26
-16	201307	Strip Ins. Blast Paint, Reinsulate Tank 661/662	4-22-87	11-30-87	770	106
146	200330	Build Scaffold strip Steam Headers	10-15-87	12-30-87		80
196	202449	strip Steam Headers	10-20-87	11-15-87		39.5
196	202956	Repair Insulation Per List for Winter.	10-23-87	12-30-87		
156	193213	Repair Insulation Per List for Winter	10-22-87	12-30-87		144

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930-2057

Schedule For Asbestos Removal

WK End. 10/30/87

ocation	Job No.	Job Description	starting Date	Finish Date	Man Hours Estimated	Man Hours Expended
152	930-2057 008300	4th & 5th Floors. 290' piping	10-19-87	12-31-87	300	
157	930-2057 05300	Bldg. & structure East 15H 475' piping.	10-19-87	12-31-87	500	
177	930-2057 18300	Bldg 1 west Tank Farm [illegible]	10-6-87	11-30-87	650	499
323	930-2057 0H900	Racks + Tank Farm & West end 303 strip & Patch Approx 2000' piping	9-28-87	12-31-87	1500	1425
106	930-2057 35500	Remove Asbestos from Misc. Piping Per Maint.	10-15-87	11-30-87		57
195	930-2057 11500	strip Asbestos per foreman	9-25-87	11-15-87		264

UCC 019791

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