

SERVICE LOG

Philip Plant Services

CUSTOMER: <i>Calpine (Deton)</i>	DATE: <i>1-5-02</i>	SHIFT: <i>Oday</i>
JOB #	JOB DESCRIPTION: <i>H.p. pipe #1 + #2</i>	

TIME	COMMENTS
------	----------

LOCK OUT ?

07:00	<i>CREW ON SITE START MOVING TO #1 and setting up on the H.p. stems</i>
10:00	<i>CONT. GETTING SET</i>
11:30	<i>lunch</i>
12:00	<i>CONT. getting set up</i>
13:00	<i>pressure test pumps fixing leaks</i>
14:00	<i>START Running #1 from the stop valve to the HRSg</i>
15:00	<i>shut down and change hose out</i>
15:15	<i>CONT. Blast @ 20,000</i>
16:00	<i>making 2nd pass</i>
17:00	<i>#1 from the stop valve to the HRSg and main head PS complete moving to #2</i>
18:00	<i>CONT. moving</i>
19:00	<i>SHIFT change</i>

REMOVE LOCKS ?



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77235

Industrial Services Group, Inc.
 Western Region

DATE 12/5/01
 shift days nights

JOB # _____

PAGE # 4
 WO # _____
 PO # _____

Audit Date: _____
 By: _____

Customer: CALPINE DELTA ENERGY City: PITTSBURGH State: CAL
 Job Description: HYDROBLAST STEAM SYSTEM PIPING

Job is: complete incomplete

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
CHAD BUNKER	S	1900		0700		12				1
SKIP FURBERSON	O	1900		0700		12				1
Guy Abular	O	1900		0700		12				1
Gerry LYNCH	T	1900		0700		12				1
AL WALTON	T	1900		0700		12				1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK <u>50-47/50-49</u>	<u>2</u>	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI <u>X2</u>	<u>12</u>	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM <u>210 A</u>	<u>12</u>	HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE	<u>12</u>	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	<u>12</u>	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN	<u>3</u>	DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE		EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA	<u>70V VAC TRUCK</u>	<u>12</u>	<u>HRS</u>
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN REGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0032

PSC REPRESENTATIVE SKj. Fry CUSTOMER REPRESENTATIVE (DD)

● SERVICE LOG ● NIGHT SHIFT

Philip Plant Services

CUSTOMER: CAL PINE	DATE: 12-5-01	SHIFT:
JOB #	JOB DESCRIPTION: 20K LINES WITH	

TIME	COMMENTS
xxxxxxx	LOCK OUT ?
030	ON SITE (GO OVER JOB (WALK) WITH DAN DAY SHIFT HAS PUMPS AND ROTATOR IN PLACE FINISH SETTING UP. NO AIR - CUSTOMER SAID WE COULD USE OUR AIR COMPRESSOR
1130	FINISHED SETUP - START UP. RAN BOTH WAYS ON 12" STEAM LINE DIFFICULT WRAP. AROUND SETUP TO ENTER HOLE.
1230	FINISHED ONE WAY AND ONE PASS THE OTHER
1240	LUBE LINE BLOW ON PUMP (FIX) LUBE LINE BLOWS AGAIN FIX WITH NEW HOSE. LUBE LINE BLOWS OFF, MUST BE PACKING - CHANGED.
315	FINISHED LINE, TEAR DOWN SET UP ON LONG RUN. OH YEAH AIR HOSE BLEW - REPLACED H.P. HOSE LEAKING (REPLACED)
430	SET UP READY TO GO. RAN GOOD
530	PACKING BLEW AGAIN - LACK OF SPARE BLARS ON SITE.
615	START PULLING BACK LANCE AIR MOTORS FROZE UP
630	KIRKMAN SHOWS UP STARTS HELPING FIND THE PROBLEM
0700	END OF SHIFT
	(CHAB)
	REMOVE LOCKS ?



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77238

DATE 1/16/02
shift days
 nights

JOB # 036208

PAGE # 1
WO #
PO #

Audit Date: _____
By: _____
Job is:
 complete
 incomplete

Customer: Calpine City: Pittsburg State: CO
Job Description: H.P. Steam

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/ num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
<u>O. Krueger</u>	<u>S</u>	<u>07:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>
<u>O. Humble</u>	<u>O</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>
<u>B. Cannon</u>	<u>O</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>
<u>K. Hayes</u>	<u>T</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>
<u>D. Bude</u>	<u>T</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK <u>5050-509</u>	<u>2</u>	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI		HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
	<u>12</u>		CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE	<u>12</u>	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	<u>12</u>	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE	<u>3</u>	EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA	<u>700 1.4 vac</u>	<u>12 hrs</u>	
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEK		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1 2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0034

PSC REPRESENTATIVE Rac CUSTOMER REPRESENTATIVE DA

SERVICE LOG

Philip Plant Services

CUSTOMER: <i>Calpine (Delta)</i>	DATE: <i>1-6-02</i>	SHIFT: <i>Days</i>
JOB # <i>036308</i>	JOB DESCRIPTION: <i>H.P. Steam</i>	

TIME	COMMENTS
------	----------

~~xxxxxx~~ **LOCK OUT ?**

<i>07:00</i>	<i>onsite the Boto mole IS Broken start working on IT-</i>
<i>10:00</i>	<i>cont on the Boto mole their water in all of the air system</i>
<i>11:00</i>	<i>start blasting on the H.P. line going to the turbine deck.</i>
<i>12:30</i>	<i>shut down and fix the 20K</i>
<i>14:00</i>	<i>start up and cont.</i>
<i>15:00</i>	<i>shut down and fix the chain on the Boto mole</i>
<i>16:00</i>	<i>cont on H.P. line</i>
<i>18:00</i>	<i>Done with H.P. to the turbine deck header wrap up and move</i>
<i>19:00</i>	<i>Shift change</i>

REMOVE LOCKS ?



Industrial Services Group, Inc.
Western Region

AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77236 SUN-NIGHT SHIFT

DATE 6/15/22
shift days nights

JOB #

PAGE # 12
WO #
PO #

Audit Date: _____
By: _____
Job is: complete incomplete

Customer: Alpine Delta Energy City: Pittsburg State: CA
Job Description: Hydro Blast steam piping

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/ num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
C. Benker	S	1900		0700		12	12			1
D. Feehson (SKIP)	O	1900		0700		12	12			1
Greg Aboukac	O	1900		0700		12	12			1
Bobby Lyneall	T	1900		0700		12	12			1
AJ Walton	T	1900		0700		12	12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK 543/47	2	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI	12	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE	12	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	12	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE	3	EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA	70 BBL 1.9 L water	12	HL
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA			
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0036

PSC REPRESENTATIVE Chait

CUSTOMER REPRESENTATIVE DA

SERVICE LOG

Philip Plant Services

CUSTOMER: CALPINE	DATE: 1-6-02	SHIFT: NIGHT
JOB #	JOB DESCRIPTION: HB STEAM LINES	

TIME	COMMENTS
------	----------

XXXXXXXXX LOCK OUT ?

0630 ARRIVE ON SITE - GO OVER TAILGATE
CHECK IN WITH DAVE SHIFT.

0730 PUMPS ARE NOW SPOTTED - START TO STRING HOSES
TO TOP DECK OF TURBIN BLOC - TO START HAND LANCING

1000 FINISHED SETTING UP TO TOP DECK READY TO TEST
FOR LEAKS.

11:00^{PM} FINISHED LINE MOVE TO NEXT

11:30 READY TO START 2ND LINE

1250 FINISHED - TEAR DOWN PUT UNATING BACK CHANCE
TO MOLE MACHINE - SET UP TO LOWER DECK

3:00 MAKE CONTAINMENT FOR RECOVERY WATER. STRING VAC HOSE
START UP, WAITED 30 MIN FOR VAC TRUCK TO DUMP

RUN ABOUT 15 MIN. SAME PACKING BLEW RESTART
@ 330AM PUMPS RUNNING WELL. SOLVED RPM PROBLEM
WITH 5TH WHEEL PUMP. FUEL CUT OFF NOT OPENING

ALL THE WAY WILL TELL DAY SHIFT

400AM BLEW SECOND PACKING - TAKE 20-30 MIN TO CHANGE

430AM WP'S RUNNING @ 17,000 PSI

515 MOVE TRAVELED GOOD DISTANCE THRU MANY ELS
PACKING ON PLUNGE NEXT TO MOVE ABOUT GONE AGAIN
| PACKING LEFT!!! WILL USE AS SOON AS CHAD PULL BACK

OUT OF LINE.
540 CHAD STILL PULLING BACK MOLE @ 3000 PSI

REMOVE LOCKS ?



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77240

Industrial Services Group, Inc.
 Western Region

DATE 1/19/02 JOB # 036208 PAGE # _____
 shift days PO # _____
 nights

Audit Date: _____
 By: _____

Customer: Calpine (Delta) City: Pittsburg State: Ca
 Job Description: Hydroblast Hot Reheat piping

Job is:
 complete
 incomplete

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/ num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
D. Krueger	S	07:00		19:00	12		12			1
D. Humble	O	7:00		19:00	12		12			1
K. Hayes	O	7:00		19:00	12		12			1
B. Cannon	T	7:00		19:00	12		12			1
D. Bucke	T	7:00		19:00	12		12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK 50-50/51	2	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI	12	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE	12	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	12	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE		EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA	70-V VEG TRUCKS	12	hrs
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA			
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEK		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1.2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0038

PSC REPRESENTATIVE

[Signature]

CUSTOMER REPRESENTATIVE

[Signature]

SERVICE LOG

Philip Plant Services

CUSTOMER: <i>Calpine</i>	DATE: <i>1-9-02</i>	SHIFT: <i>Days</i>
JOB # <i>036208</i>	JOB DESCRIPTION: <i>H.B.H. piping</i>	

TIME	COMMENTS
------	----------

~~XXXXXXXX~~ **LOCK OUT ?**

07:00 crew on site were set up on the H-B-H system

07:20 moving the pumps

07:40 finish getting set up

07:40 ~~start~~ on hold while we do a final insp. on the condensers

09:30 start running

09:40 shut down and evacuate the plant N-F leaks next door.

10:30 start running

11:00 we have to shut down while Bechtel takes their lunch & IS TO ADVISE FOR THEM

11:45 start back up

13:00 cont. running south to H-B-SG #1

14:00 running to the turbine header

15:00 making 2nd pass.

16:30 moving to #2 H-B-S-G H-B-H

[Empty lines for additional log entries]

REMOVE LOCKS ?



Industrial Services Group, Inc.
Western Region

AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77239

DATE 1/9/02
shift days nights

JOB # 036208

PAGE #
WO #
PO #

Audit Date: _____
By: _____
Job is: complete incomplete

Customer: Cal Pipe Delta Energy City: Pittsburg State: CA
Job Description: Condenser H2H Returns / Condensate

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/Pass.	Mileage	Per-Diem
C. Benker	S	1900		0700	12		12			1
Skip Beckson	S	1900		0700	12		12			1
Gregory Lynch	S	1900		0700	12		12			1
Gregory Alvarado	T	1900		0700	12		12			1
Al Walton	T	1900		0700	12		12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY.	UNIT
GEAR TRUCK 5044/417	2	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI	12	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE		HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	3	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE	3	EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA			
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0040

PSC REPRESENTATIVE

[Signature]

CUSTOMER REPRESENTATIVE

[Signature]

SERVICE LOG

Philip Plant Services

CUSTOMER: <i>Calpine Delta Energy</i>	DATE: <i>1-9-02</i>	SHIFT: <i>NIGHTS</i>
JOB # <i>036208</i>	JOB DESCRIPTION: <i>HOT RETREAT RETURNS & CONDENSATE LINES</i>	

TIME	COMMENTS
------	----------

~~XXXXXXXX~~ **LOCK OUT ?**

<i>1900</i>	<i>ON SITE WALK THRU 2033 LAST NIGHT W/ DAN KRUEGER</i>
	<i>WE WILL BE HAND LANDING HOT RETREAT RETURNS & CONDENSATE LINES / HOLD TAIL GATE W/ CREW</i>
<i>1935</i>	<i>START SETTING UP ON HOT RETREAT RETURNS</i>
<i>2000</i>	<i>START RUNNING 1ST LINE</i>
<i>2045</i>	<i>FINISHED W/ 1ST LINE MOVE OVER TO 2ND LINE</i>
<i>2100</i>	<i>START RUNNING 2ND LINE</i>
<i>2135</i>	<i>FINISH W/ 2ND LINE SHUT DOWN ROLL UP EQUIP SIDE OUT WATER HEATERS</i>
<i>2200</i>	<i>START SETTING UP ON CONDENSATE LINES</i>

REMOVE LOCKS ?



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES

WORK ORDER **77244**

Industrial Services Group, Inc.
Western Region

DATE

1/10/01

JOB #

036208

PAGE #

WO #

PO #

Audit

Date: _____

By: _____

Job is:

complete

incomplete

Customer: Calpine Delta City: Pittsburg State: KS

Job Description: Bypass lines on #1 + #2

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/ num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
D. Krueger	S	7:00		19:00	12		12			1
D. Humble	O	7:00		19:00	12		12			1
B. Caman	O	7:00		19:00	12		12			1
D. Bude	T	7:00		19:00	12		12			1
K. Haynes	T	7:00		19:00	12		12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK <u>50-50/51</u>	<u>2</u>	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP 20,000 PSI	<u>2X</u>	<u>12</u>	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE		HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE		HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE	<u>3</u>	EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA	<u>70-4 1/2 400</u>	<u>12</u>	<u>hrs</u>
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA			
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0042

PSC REPRESENTATIVE Dan Ky

CUSTOMER REPRESENTATIVE DA

(WED.)

CUSTOMER: CALPINE PITTSBURGH	DATE: 1- 18 ⁹ -02	SHIFT: NIGHT SHIFT
JOB # 03-	JOB DESCRIPTION: HB STEAM PIPING TURBINE BUILDING	

TIME	COMMENTS
xxxxxx	LOCK OUT ?
0630	ARRIVE ON SITE @ TRAILER - DO TAIL WASTE
0720	START RIGGING UP TO TO FLOOR STEAM PIPING 2 ENTRY POINTS
800	START BASTING IN NO 1 PIPE - STRUNG VAC HOSE TO TOP DECK TO VAC OUT VALVE PUMP RUNNING GOOD BUT ONLY @ 12,000 BOTH BY PASSES CLOSED. OK CHAD HAND LANCING
840	FINISHED 1 ST DOWN (VENT) LINE MOVE TO NEXT
855	START ON 2 ND VERT. LINE.
9:45	FINISHED 2 ND VERTICAL STEAM LINE TEAR DOWN ROW UP. STRAIGHTEN AREA MOVE 5TH WHEEL INTO ALLEY. SET UP ON NORTH THROW BLDG. CHANGE TO SMALL LANCE
11:13	ALMOST READY, TIGHT FINISH ADAPTOR FOR 20K LINE MOVE NOZZLE TO LANCE - LOOKS LIKE WE HAVE IT. WILL CHECK FOR LEAKS FINE UP, LEAK IN NIPPLE, STOP TIGHTEN UP, STOP LEAKS
12:12	START DOWN. LOOKING FOR ANOTHER NIPPLE.
1220	START BACK UP WORKING GOOD @ 16,000 PSI
1:15	PIPES COMPLETED MOVE TO DIFFERENT AREA
200pm	ALMOST SET UP
215	START LINE FROM TURBIN BLD'G TO #3 FURNANCE
350	STILL RUNNING SAME LINE @ 16,000 5TH WHEEL PUMP
415	FINISHED LINE TEAR DOWN MOVE TO BOTTOM CONDENSER LINES
440	SET UP START RUNNING LINE FROM BOTTOM OF CONDENSER
	REMOVE LOCKS ? N/A



**AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77241**

Industrial Services Group, Inc.
Western Region

DATE 10/18/02
shift days
 nights

JOB # 036208

PAGE # _____
WO # _____
PO # _____

Audit Date: _____
By: _____

Customer: CALPINE DELTA ENERGY City: PITTSBURG State: CALIF Job is: complete
Job Description: HB, STEAM INJECTION IN #2 FURNANCE / STEAM LINE FRONTURBIN incomplete

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
CHAD BUNKER	S	1900		0700	12		12			1
SKIP FURBERSON	O	1900		0700	12		12			1
GARY LYNCH	O	1900		0700	12		12			1
GUY AGUIAN	T	1900		0700	12		12			1
AL WALTON	T	1900		0700	12		12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK <u>50-47/49</u>	<u>2</u>	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI	<u>X2</u>	<u>12</u>	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE		HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	<u>5</u>	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE	<u>3</u>	EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
<u>LANCE SPIN NOZZLE</u>	<u>5</u>		PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA	<u>TO BBL LIQUID</u>	<u>12</u>	<u>HRS</u>
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0044

PSC REPRESENTATIVE SL

CUSTOMER REPRESENTATIVE (Signature)

SERVICE LOG

Philip Plant Services

ED. NIGHT
SHIFT

CUSTOMER: CALPINE - PITTSBURGH	DATE: 1-10-02	SHIFT: NIGHT
JOB # 03-6208	JOB DESCRIPTION: HB STEAM PIPING ON #2 FURNANCE AND CONDENSER PIPE FROM CONDENSER	

TIME	COMMENTS
XXXXXX	LOCK OUT ?
0630	ARRIVE ON SITE - DO TAILGATE AND TURN OVER
0700	DAY SHIFT SET UP ON #2 FURNANCE START RUNNING LINES ON STRUCTURE WITH LANCE - SPINNER NOZ. @ 16,000
1100 PM	FINISHED LINES AT #2 FURNANCE TEAR DOWN ROLL UP
1200	MOVING OVER TO TURBIN BUILDING. PACK UP STAIRS NEW 400' HOSE. UNREEL OLD.
230	SET UP READY TO START
430	STILL IN SAME LINE
530	1ST PASS DONE
630	WORKING 2ND PASS
645	SHUT DOWN FOR SHIFT CHANGE AND FUEL
	SLV & CHAD

REMOVE LOCKS ?



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77243

Industrial Services Group, Inc.
Western Region

DATE

1/11/02

JOB #

036208

PAGE #

WO #

PO #

Audit

Date: _____

By: _____

Job is:

complete
 incomplete

Customer: Culpine (PETA) City: Pittsburg State: CA
 Job Description: Elim H.B.H #2 and #3

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/ num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
<u>D. Krueger</u>	<u>S</u>	<u>7:00</u>		<u>19:00</u>	<u>12</u>		<u>12</u>			<u>1</u>
<u>D. Humble</u>	<u>O</u>	<u>7:00</u>		<u>19:00</u>	<u>12</u>		<u>12</u>			<u>1</u>
<u>B. Cannon</u>	<u>O</u>	<u>7:00</u>		<u>19:00</u>	<u>12</u>		<u>12</u>			<u>1</u>
<u>D. Bucke</u>	<u>T</u>	<u>7:00</u>		<u>19:00</u>	<u>12</u>		<u>12</u>			<u>1</u>
<u>K. Haynes</u>	<u>T</u>	<u>7:00</u>		<u>19:00</u>	<u>12</u>		<u>12</u>			<u>1</u>

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK <u>50-50/51</u>	<u>2</u>	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI <u>x2</u>	<u>12</u>	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE	<u>12</u>	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	<u>12</u>	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE		EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA	<u>70-V 1/2 UAC</u>	<u>12</u>	<u>MS</u>
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEK		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0046

PSC REPRESENTATIVE Dan CUSTOMER REPRESENTATIVE (Signature)

SERVICE LOG

Philip Plant Services

CUSTOMER: <i>Calpine</i>	DATE: <i>1-11-07</i>	SHIFT: <i>Day</i>
JOB #	JOB DESCRIPTION: <i>H-R-H and 1p bypass</i>	

TIME	COMMENTS
------	----------

~~XXXXXXXX~~ LOCK OUT ?

07:00 Crew on site Set up to make the second pass on #2 H-R-H

09:00 cont. on #2

10:00 move to #3 H-R-H Running to the turbine header

12:00 Running line to the Turbin

13:00 Running to the HBS9

14:00 cont.

15:00 cont.

16:30 move to the 1-p bypass

17:30 start on the 1-p bypass

19:00 shift change

REMOVE LOCKS ?



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77247

Industrial Services Group, Inc.
 Western Region

DATE 1/11/02
 shift days nights

JOB # 03-6208

PAGE # _____
 WO # _____
 PO # _____

Audit Date: _____
 By: _____
 Job is: complete incomplete

Customer: CALPINE DELTA ENERGY City: PITTSBURG State: CALIF
 Job Description: HB, #1 + #2+3 LPBYPASS - CONDENSATE PIPING

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/ num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/ Pass.	Mileage	Per-Diem
CHAD BUNKER	S	1900	}	0700	12		12			1
SKIP FURGESON	O	1900		0700	12		12			1
GARRY LYNCH	O	1900		0700	12		12			1
GUY AGUILAR	T	1900		0700	12		12			1
AL WALTON	T	1900		0700	12		12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK <u>5049/47</u>	<u>2</u>	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI <u>X 2</u>	<u>12</u>	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE	<u>12</u>	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	<u>12</u>	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE	<u>5</u>	EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA	<u>TO BBL LIQ VAC (704)</u>	<u>12 HRS.</u>	
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0048

PSC REPRESENTATIVE [Signature] CUSTOMER REPRESENTATIVE [Signature]

SERVICE LOG

Friday Night

Philip Plant Services

CUSTOMER: CALPINE DELTA ENERGY	DATE: 1-11-01	SHIFT: NIGHT
JOB # 03-6208	JOB DESCRIPTION: H.B. STEAM PIPING LP#1,2,3 BYPASS PIPING	

TIME	COMMENTS
------	----------

XXXXXXXX
LOCK OUT? N/A

0630 ON SITE - TAILGATE. CAAD WENT TO GET DOPE ON SHIFT CHANGE WORK FOR TONIGHT, SET UP FROM DAY SHIFT ON #1 LP BY PASS START # RUNNING 2ND ~~LP~~ PASS @ 20,000 PSI TO FURNANCE #1

915 PM FINISHED #1 LP BYPASS MOVE TO #2. HAVE TO SPREAD WITH BOLT TO GET NOZZLE IN

945 PM START #2 LP BY PASS

1030 PM SHUT DOWN TO EMPTY VAC TRUCK

1100 PM START BACK UP ON LP#2 20,000 PSI

1130 HAD TO PULL BACK LOST MOMENTUM LOTS OF ELLS

1210 SHUT DOWN CHECK GEAR ON ROTATOR RUBBING HOSE

1220 START BACK UP @ 5000 PSI PULL BACK

1:50 BACK UP TO 20,000 GOING IN.

117 AM STILL RUNNING #2 LP BYPASS

145 AM PRESSURE DOWN TO 3000 PULL BACK - CANNOT GET IN FURTHER

210 AM INSPECT NOZZLE / DUMP VAC TRUCK

245 VAC TRUCK BACK RESTART LINE OVER RUNNING 20,000 #2 LP LINE

300 PULLING OUT @ 3000 TO MOVE TO LP #3 MADE #2 TO ELL BEFORE EXPANSION JOINT

335 START ON #3 LP BYPASS

515 Finished w/ #3 LP line ran it to ELBOW AT expansion joint Roll up Equip for morning ?

PSC 0049

REMOVE LOCKS ?

	7	3.
PAGE _____ OF _____	25	250
	6	6
	150	1500
		750
		SHIFT
		250 DAY



**AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77248**

Industrial Services Group, Inc.
Western Region

DATE 1/12/02
shift days 036308
 nights

JOB #

PAGE # _____
WO # _____
PO # _____

Audit Date: _____
By: _____

Customer: Calpine (Delta) City: Pittsburg State: CA
Job Description: Condensate Spray + #1 HBSC 2PTD CBH

Job is:
 complete
 incomplete

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/Pass.	Mileage	Per-Diem
<u>D. Krueger</u>	<u>S</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>
<u>O. Humble</u>	<u>O</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>
<u>B. Cannon</u>	<u>O</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>
<u>D. Bude</u>	<u>T</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>
<u>H. Hayes</u>	<u>T</u>	<u>7:00</u>		<u>19:00</u>		<u>12</u>	<u>12</u>			<u>1</u>

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK <u>50-8-57</u>	<u>2</u>	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI <u>X 2</u>	<u>12</u>	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE	<u>8</u>	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	<u>2</u>	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE	<u>2</u>	EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA	<u>700 liquid</u>	<u>12</u>	<u>WS</u>
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA			
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0050

PSC REPRESENTATIVE Dan King CUSTOMER REPRESENTATIVE DA

SERVICE LOG

Philip Plant Services

CUSTOMER: <i>Calpine</i>	DATE: <i>1-12-01</i>	SHIFT: <i>Days</i>
JOB # <i>036709</i>	JOB DESCRIPTION: <i>Condensate piping and C.B.H</i>	

TIME	COMMENTS
------	----------

xxxxxx **LOCK OUT ?**

<i>07:00</i>	<i>Days onsite setup on the top of H.B.S.G #1 to the cold</i>
	<i>Reheat. also start on the Condensate to the Ring headers</i>
	<i>on the 1-p Bypass at the Condenser</i>
<i>09:00</i>	<i>cont. on both projects</i>
<i>10:00</i>	<i>cont. setting up and working on the Condensate.</i>
<i>11:00</i>	<i>lunch</i>
<i>12:00</i>	<i>cont setting up</i>
<i>14:00</i>	<i>cont. on H.B.S.G #1</i>
<i>18:00</i>	<i>cont</i>
<i>19:00</i>	<i>shift change</i>

776-3538

1

REMOVE LOCKS ?

M.S. last Jan 15th
PAGE *1* OF *1*
Pindale citgo



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES

WORK ORDER 77985

Industrial Services Group, Inc. Western Region

DATE 1/12/02 shift [] days [X] nights

JOB # _____

PAGE # _____ WO # _____ PO # _____

Audit Date: _____ By: _____

Customer: CALPINE DELTA ENERGY City: PATTSBURG State: CAL.

Job Description: _____

Job is: [] complete [] incomplete

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

Table with columns: NAME OR EQUIPMENT NAME & UNIT NUMBER, code/num, start TIME, lunch HRS, finish TIME, REG HRS, O/T HRS, TOTAL HRS, Driver/Pass., Mileage, Per-Diem. Includes entries for CHAD BUNKER, SKIP FURWESON, GERRY LYNCH, GUY AGUIAR, AL WALTON.

EQUIPMENT AND MATERIAL UTILIZATION

Table with columns: DESCRIPTION, QTY, UNIT, DESCRIPTION, QTY, UNIT, DESCRIPTION, QTY, UNIT. Lists various equipment like GEAR TRUCK, PRESSURE WASHER, HYDROBLASTER, and accessories.

PSC 0052

PSC REPRESENTATIVE

Signature: Skip Furgeson

CUSTOMER REPRESENTATIVE

Signature: DA

SERVICE LOG

SAT-NIGHTS

Philip Plant Services

CUSTOMER: CALPINE	DATE: 11-12-02	SHIFT: NIGHT
JOB # 03-	JOB DESCRIPTION: HR, STEAM LINES FURNANCE #2	

TIME	COMMENTS
XXXXXX	LOCK OUT ?
0830 PM	ARRIVE ON SITE FULL OUT TAILGATE SHIFT CHANGE OVER, WORKING ON TOP DECK #1 FURNANCE NEED TO MERROW HOSE. CALPINE PROVIDING ANOTHER FIREHOSE FOR PUMP.
0900	SET UP AND START RUNNING (STEAM OR H ₂ O) PUMPS RUNNING GOOD BUT @ HIGH RPM, NOZZLES NEED REPLACE BUT WAS STARTED @ 19,000 NOW DOWN TO 18,000 PSI
900	RUNNING SMOOTH SAME LINE - SENT BENNY FOR FUEL
1030	SHUT DOWN COULDN'T GET PART TEE - CHAD SAID TO SET UP LANCE. TOBIN CAME UP SAID MOLE MACHINE PRIORITY CHANGED BACK TO MACHINE SET UP ON 2ND LINE (CONDENSATE)
1125	UP & RUNNING ON 2ND LINE 18,000 MOLE MACHINE
1215	SHUT DOWN WATER IN LINE SEARCH FOR DRAIN AND STRUNG VAC HOSE TO 2ND LEVEL. LEVEL
1245	START UP PULL BACK. PNE SET UP DRAIN TO LINE FROM STEAM DRUM.
100	SHUT DOWN - ADJUST HOSE. SPOOL NOT WORKING WON'T ROLL IN OR OUT CHAD CHECKING TO SEE WHAT'S WRONG. AIR MOTOR FROZE UP TOOK OFF FREES UP PUT BACK ON
1:40	TRY AGAIN - RUNNING
2:30	DROD PRESSURE DOWN TO 4000 PULL BACK
2:40	SHUT DOWN - FINISHED - RERIG TO STEAM DRUM LINE CHANGE OF PLANS - TOBIN WANT TO SHUT DOWN DRUM MUST RUN VAC HOSES FROM GROUND TO DRUM GETTING LATE
4:00	WILL DO DRUM LINE FIRST.
	REMOVE LOCKS ?

PSC 0053

OVER
SEE BACK



**AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77250**

Industrial Services Group, Inc.
Western Region

DATE 1/13/02 JOB # _____ PAGE # _____
 shift days _____ WO # _____
 nights _____ PO # _____

Audit Date: _____
 By: _____
 Job is: complete incomplete

Customer: Calpine Delta City: Pittsburg State: CA
 Job Description: HB-9 #3 CAH and condensate line

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/Pass.	Mileage	Per-Diem
D. Krueger	S	07:00		19:00		12	12			1
D. Humble	O	7:00		19:00		12	12			1
B. Cannon	J	7:00		19:00		12	12			1
D. Bude	T	7:00		19:00		12	12			1
K. Hayes	T	7:00		19:00		12	12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK <u>5050/15</u>	<u>2</u>	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI <u>x 2</u>	<u>12</u>	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE <u>12</u>	<u>12</u>	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE <u>12</u>	<u>12</u>	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE		EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA	<u>70-V liq vac</u>	<u>12</u>	<u>LB</u>
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA			
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC REPRESENTATIVE Dan CUSTOMER REPRESENTATIVE DA

SERVICE LOG

Philip Plant Services

(SUNDAY)

CUSTOMER: CALPINE DELTA ENERGY	DATE: 1-13-02	SHIFT: NIGHT
JOB # 03-6208	JOB DESCRIPTION: H.B. PIPING ON FURNACE #3	

TIME	COMMENTS
xxxxxx	LOCK OUT ?
0635	ARRIVE ON SITE - DO TAILGATE - SHIFT CHANGE TURN OVER, SET UP TO H.B. 2 LINES STEAM KETTLE AND DRUM LINE TO BOTTOM FLOOR PUMPS.
0800	RUNNING USING 20K ROTARY NOZZLE (LANCE).
0930	FINISHED DRUM LINE TEAR DOWN SET UP ON LOWER LEVELS - FIX LEAK IN 20K STH WHEEL
1130	START RUNNING LINE
1220	FINISHED 1ST LINE TOBIN BOUGHT LUNCH.
1:00	START SET UP TO LOWER LEVEL RUN LINE
4:30	RUNNING LAST LOW LINE (STEAM KETTLE)
5:00	ROLL UP JET STREAM PUMP. CHAD WENT TO FIND TOBIN TO SPOT PUMP.
5:45	FINISH STEAM KETTLE LINE. BREAK DOWN HOSES MOVE STH WHEEL PUMP MOVE MOLE MACHINE TO FURNACE #1
	REMOVE LOCKS ?



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77983

Industrial Services Group, Inc.
Western Region

DATE 1/13/02
shift days nights

JOB # 03-

PAGE #
WO #
PO #

Audit Date: _____
By: _____

Customer: CALPINE DELTA ENERGY City: PITTSBURGH State: CA
Job Description: HB PIPING ON FURNANCE #3

Job is: complete incomplete

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/Pass.	Mileage	Per-Diem
CHAD BUNKER	S	1900		0700		12	12			1
SKIP FURBESON	O	1900		0700		12	12			1
DERRY LYNCH	O	1900		0700		12	12			1
GUY AGUILAR	T	1900		0700		12	12			1
AL WALTON	T	1900		0700		12	12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY	UNIT	DESCRIPTION	QTY	UNIT
GEAR TRUCK 509A/47	2	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI X2	12	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE	12	HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE	12	HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE		EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA	70 RBL LIQ VAC TON	12	HRS
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOW ENTRY EXTRACTION DEVICE		DAY			

PSC 0056

PSC REPRESENTATIVE

Sky

CUSTOMER REPRESENTATIVE

DA



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77251

Industrial Services Group, Inc.
Western Region

DATE

1/14/01

JOB #

PAGE #

WO #

PO #

Audit

Date:

By:

Job is:

complete

incomplete

Customer: Calpine Delta City: Pittsburg State: CA

Job Description: #1 HAH and LCP

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

Table with 11 columns: NAME OR EQUIPMENT NAME & UNIT NUMBER, code/num, start TIME, lunch HRS, finish TIME, REG HRS, O/T HRS, TOTAL HRS, Driver/Pass., Mileage, Per-Diem. Rows include D. Krueger, D. Rude, B. Cannon, R. Hughes.

EQUIPMENT AND MATERIAL UTILIZATION

Table with 10 columns: DESCRIPTION, QTY., UNIT, DESCRIPTION, QTY., UNIT, DESCRIPTION, QTY., UNIT. Lists various equipment like gear trucks, pressure washers, hydroblasters, and materials like hoses, filters, and PPE.

PSC 0057

PSC REPRESENTATIVE

[Signature]

CUSTOMER REPRESENTATIVE

[Signature]

● SERVICE LOG ●

Philip Plant Services

CUSTOMER: <u>Calpine</u>	DATE: <u>1-14-02</u>	SHIFT: <u>Day</u>
JOB # <u>036208</u>	JOB DESCRIPTION: <u>#1 IP + H.B.H Kettle Boiler</u>	

COMMENTS #2 H.B.H

TIME

LOCK OUT ?

xxxxxxx

07:00 Crew on site setup to work on the ground on #1 at the
l.p. line and the hot Reheat

10:00 Run the H.B.H. by hand the nozzle won't fit in the hole

12:00 Stop for lunch

12:30 cont. on the H.B.H.

13:30 Setup Boto mole on the l.p. line

14:00 Run the l.p. to the valve at the Paces

16:00 move to the Kettle Boiler and Run Paces 150 FT

17:30 Move to #2 H.B.H and Run by hand.

1 also setting up for the Boto mole on the l.p. line

19:00 Crew off site

REMOVE LOCKS ?



AIR MOVING, SLUDGE PUMPING, HYDROBLASTING AND TANK CLEANING SERVICES
WORK ORDER 77981

Industrial Services Group, Inc.
 Western Region

DATE 1/14/02
 shift days nights

JOB # _____

PAGE # _____
 WO # _____
 PO # _____

Audit Date: _____
 By: _____

Customer: CALPINE DELTA ENERGY City: PITTSBURG State: CA.
 Job Description: HS STEAM PIPING FURNANCE #2

Job is:
 complete
 incomplete

TOTAL PERSONNEL HOURS, MILEAGE AND EQUIPMENT MILEAGE

Personnel Codes: P= Project Manager C= Safety Coordinator S= Supervisor L= Leadman T= Service Tech. F=Foreman

NAME OR EQUIPMENT NAME & UNIT NUMBER	code/num	start TIME	lunch HRS	finish TIME	REG HRS	O/T HRS	TOTAL HRS	Driver/Pass.	Mileage	Per-Diem
CHAD BUNKER	S	1900		0700	12		12			1
SKIP FURGESON	O	1900		0700	12		12			1
GARY LYNCH	O	1900		0700	12		12			1
GUY ABULAR	T	1900		0700	12		12			1
AL WALTON	T	1900		0700	12		12			1

EQUIPMENT AND MATERIAL UTILIZATION

DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY.	UNIT	DESCRIPTION	QTY.	UNIT
GEAR TRUCK 5049/47	2	DAY	AIR MOVING/INDUSTRIAL VACUUM			SLUDGE PUMPING SERVICES		
PRESSURE WASHER, 40GPM		HRS	TRUCK MOUNTED VACUUM 16"		HRS	HOSE, SLUDGE PUMP DISCHARGE		FT
PRESSURE WASHER, ALKOTA		HRS	TRUCK MOUNTED VACUUM 27"		HRS	HYDRAULIC POWER PACK		HRS
PRESSURE WASHER, LANDA		HRS	PUMP, SLUDGE, 4"		HRS	PUMP, SLUDGE, 6" STAINLESS		HRS
			POWER PACK, HYDRAULIC		HRS	PUMP, ABEL		HRS
HYDROBLASTER 90 HP, 10,000 PSI		HRS	HOSE, VACUUM, FLEX 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 2" (M-8)		DAY
HYDROBLASTER 150 HP, 10,000 PSI		HRS	PIPE, VACUUM, 4", 6", 8"		FT/DY	PUMP, DOUBLE DIAPHRAGM, 3" (M-15)		DAY
HYDROBLASTER 200 HP, 10,000 PSI		HRS	HOSE OR PIPE CONTAMINATED/WORN		FT	PUMP, SLUDGE, 4" MILD STEEL		HRS
HYDROBLASTER 200 HP, 20,000 PSI	12	HRS	PNEUMATIC OFF LOAD PACKAGE		HRS			
			CYCLONE, DROP OUT LOADING		HRS	COMPRESSOR, AIR 375 CFM		HRS
ACCESSORIES			BIN, VACUUM RATED		DAY	COMPRESSOR, AIR 185 CFM		HRS
HOSES, 20,000 PSI ADDITIONAL		SHFT	LINER, BIN, POLY		EA	COMPRESSOR, AIR, 250 CFM		HRS
FLEX LANCE, 25 FT LENGTH		SHFT	MANIFOLD, VACUUM BIN		EA			
RIDGID LANCE		SHFT	FILTER, HEPA, VACUUM SERVICE		DAY	MSA PASSPORT		DAY
POLYMER MACHINE		HRS	FILTER ELEMENTS, HEPA FILTER		EA	GAS TECH GX3A ANALYZER		DAY
ROTARY LANCE MACHINE		HRS	PARTICLE CLASSIFIER/SCREENER		HRS	COMBO LEL AND OXYGEN METER		DAY
SHELLSIDE BUNDLE MACHINE		HRS	FILTER BAGS, VACUUM TRUCK		EA	H2S MONITORS		SET
ROTARY JET NOZZLE		HRS				TPH METER (TOTAL PETRO. HYDROCARB)		DAY
SEMI AUTO TUBE LANCER		HRS	GLOVES, ACID		EA	PUMP, SAMPLE SENSODYNE		DAY
ROTARY TANK CLEANER		HRS	GLOVES		EA	PUMP, SAMPLE, DRAGER		DAY
WINTERIZING		SHFT	GOGGLES		EA	SAMPLE TUBES, DRAGER, SENSODYNE		EA
SEWER JET RODDER		HRS	LADDER, CHAIN		DAY	COMPRESSOR, AIR, BREATHING		HRS
SUPERCLEAN		GAL	PPE		EA			
POLYMER (SUPER WATER)		GAL	PPE, CHEMICAL		EA	OTHER RENTAL/SPECIAL EQUIPMENT		
			PPE, COVERALL, TYVEK		EA			
SODIUM BI-CARB PACKAGE		HRS	PPE, PVC SUIT, HEAVY DUTY		EA	70 BBL LIQ VAC	12	HRS
BLAST MEDIA, 50# BAG		BAG	PPE, PVC SUIT, LIGHT DUTY		EA			
			PPE, COVERALL NOMEX		EA			
LIGHTING, AIR DRIVEN EXP.		DAY	RAINGEAR		EA			
LIGHTING LOW VOLTAGE		DAY	RESPIRATOR, CARTRIDGES		SET			
VENTILATOR, COPPUS CP-20		DAY	RESPIRATOR, 1/2 FACE, CARTRIDGE		DAY			
VENTILATOR, LAMB VENTURI		DAY	RESPIRATOR, FULL FACE		DAY			
			SCBA 30 MIN AIR PACK		DAY			
			SCBA 5 MIN EGRESS WORK PACK		DAY			
			TOP ENTRY EXTRACTION DEVICE		DAY			

PSC 0059

PSC REPRESENTATIVE Skys CUSTOMER REPRESENTATIVE DA

SERVICE LOG

Philip Plant Services

MON - NIGHT SHIFT

CUSTOMER: CALPINE DELTA ENERGY	DATE: 1-14-02	SHIFT: NIGHT
JOB # 03-	JOB DESCRIPTION: HYDROBLAST STEAM LINES FURNANCE # 2	

TIME	COMMENTS
------	----------

XXXXXXXX LOCK OUT ?

0635 ARRIVE ON SITE - TAILGATE TURN OVER
MOVE ROTO MACHINE TO #2 FURNANCE
ASSEMBLE NOZZLE SLED IN SIDE PIPE.

0900 START UP. VERT RUN KEEPING ENTRY ~~AT~~ SLOW
9:19 GOT TO ~~TEE~~ TRYING TO GO EITHER WAY ^{RUNNING AT 20,000 PSI}
(ELB BY TEE) AIR MOTOR QUIT

RUN BACK - NOZZLE NOT ROTATING

1:00 SET UP START RUNNING () TO FURNANCE
1 & 3 TRYING TO GO BOTH WAYS.

130 ~~MOE~~ MOLE HUNG UP IN PIPE TRYING TO GET UNSTUCK
140 GOT UNSTUCK TRY AGAIN

240 WENT TO EXPANSION JOINT ON LP LINE TO #1
AND OTHER WAY TO #3 TO DRIP LEG

340 FINISHED - TEAR DOWN SET UP ON #2 TOP DECK.

500 START BLASTING ~~STEAM~~ ^{Back} KETTLE DRUM LINE FROM
TOP OF FURNANCE # 2

530 FINISHED ~~MOE~~ ~~TO~~ STEAM DRUM TO COMPRESSOR
BLDG

630 START STEAM CONDENSATE LINE FROM TOP DECKING

REMOVE LOCKS ?