F-302 TRUCK UNLOADING STRAINER

F-303A/B TRUCK UNLOADING STRAINERS

P-302A/B TRUCK UNLOADING PUMPS

P-608 DEDICATED TANKAGE UNLOADING PUMP

F-304A TO E BAG FILTERS

F-605 DEDICATED TANKAGE DUPLEX STRAINER

DIRECT UNLOADING D-034-PI-300 FROM TRUCK

4"WL-150CD-106

VB-10A 1"

8X4

VP-18H

8X4 4X3

VP-18G

VB-12D 1"

F-302

P-302A CENTRIFUGAL PUMP

PB 3005 START STOP

VC-49A

1½" 2"WL-150CD

VB-12D

PLANT AIR D-034-PI-606 AIR SUPPLY

1"PA-150CC-698

½" VB-10A

TO TRUCK UNLOADING D-034-PI-302 DIRECT BURN

VB-10A 1" 1"

½" 1"

VB-10A VB-10A

VO-10A VB-10A

VB-10A VB-10A

1"RW-150CC-743

PLANT WATER D-034-PI-609 WATER SUPPLY

1" VB-10A U.S.

VB-10A

12

TO TRUCK UNLOADING D-034-PI-302 DIRECT BURN STATION

1"FO-150CB-448

PLANT FUEL OIL D-034-PI-605 SUPPLY

1" VB-10A VB-10A METER

VB-10A VB-10A

VB-10A VB-10A

VB-12D PI ½"

LOWER 2" HEADER

UPPER 2" HEADER

2"WL-150CD

2"WL-150CD

1"

PI 1"

1"VENT PI

F-304A

F-304B

½" 2X3

PI

VP-18G

VC-18A

NONE 1"ET OUTSIDE BLDG

150CD 150CB

3"DW-150CB-884-1"ET DRAIN WATER D-034-PI-603

VP-18G

3"WL-150CD-114-1"ET WASTE D-054-PI-304 LIQUID HEADER "A"

1" NO VP-18G

¾" VB-12D

VB-17A 2"WL-150CD

2" VB-17A

2" VB-12D

1"

1"VENT PI

F-304C

PI 2X3

VP-18G VC-18A

3"WL-150CD-115 WASTE D-054-PI-304 LIQUID HEADER "C"

1" NO VP-18G

¾" VB-12D

1"VENT PI

F-304D

F-304E

PI 2X3

VB-18B

3"WL-150CD-191 TRANSFER D-054-PI-300 TANKER TO TANKER

NONE 1"ET OUTSIDE BLDG.

VP-18G VC-18A

3"WL-150CD-116-1"ET WASTE D-054-PI-304 LIQUID HEADER "B"

NO VP-18G

¾" VB-12D

VP-18G

VF-24C VF-24C

F-303A

DIRECT UNLOADING D-034-PI-300 FROM TRUCKS

3"WL-150CD-109 3X4

VB-10A

F-303B VF-24C

VF-24C VB-10A

1"NL-150CC-584

PLANT NITROGEN D-034-PI-605 NITROGEN SUPPLY

VB-10A U.S.#13

P-302B CENTRIFUGAL PUMP

PB 3006 START STOP

VC-49A

4X3 VP-18G

1½" 2"WL-150CD

VB-12D

VB-12D VB-12D

FROM BARREL DECANT D-034-PI-408 BLDG E4

3"WL-150CD-236 (HEADER B)

FROM BARREL DECANT D-034-PI-408 BLDG E4

3"WL-150CD-235 (HEADER A)

FROM BARREL DECANT D-034-PI-408 BLDG E4

3"WL-150CD-237 (HEADER C)

VP-18G VP-18G 3X2 TO TANK 311 D-034-PI-310

1" TO TANK 306 D-034-PI-307

2" 2"

NONE 1"ET INSIDE BLDG. OUTSIDE BLDG.

PB 6008 A START STOP

SS 2533 LOCAL REMOTE

SS 2535 START STOP

601-1

I PC 1DO 5DI

M

PI 6005 VP-18G

VB-10A

VP-18G VP-18G

3"FO-150CB-420 1" ½" 1"

FROM TANKER TRUCK

VP-18G F-606

½" VB-10A

P-608

2X3

VC-18A VP-18G

3"FO-150CB-211

DEDICATED HEADER

D-034-PI-304

INTERLOCK DESCRIPTION

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
9	ADDED TRANSFER TANKER TO TANKER	4-11-01	GVC			
10	ADDED TRUCK UNLOADING DIRECT BURN	03-19-02	KL			
11	ADD DEDICATED SERVICE	04-26-02	KL			
11	ADDED DEDICATED SERVICE	05-07-02	KL			
12	REMOVED INTERCONNECTS	05-10-02	KL			

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
6	REMOVED PUMP P-302	05-20-98	CRM			
7	CHANGED PUMP EQUIPMENT # FROM 301 TO 302,	09-30-98	CRM			
	ADDED DRAINS, DELETED BYPASS LOOPS,					
	ADDED PRESSURE INDICATOR					
8	AS BUILT	9-20-00	GVC			

APPROVALS

	BY	DATE
DRAWN	CRM	04-07-98
CHECKED		
ELEC		
MECH		
STRUCT		
PROJECT ENG		
ENGINEERING MGR		
AS BUILT		

REGISTERED PROFESSIONAL ENGINEER No. 189797 LAYNE D. JENSEN STATE OF UTAH

REGISTERED PROFESSIONAL ENGINEER

DATE: 6-5-02

safety-kleen

SAFETY-KLEEN (ARAGONITE), INC.

11600 NORTH APTUS ROAD, ARAGONITE, UT. 84029

TITLE

UTAH ENVIRONMENTAL SERVICE CENTER INCINERATION PLANT FOR INDUSTRIAL WASTES P&ID WASTE LIQUID TRANSFER PUMPS

FOR TOOELE SITE

CAD NO. IH772U

SCALE

JOB NO

SAFETY-KLEEN DWG NO D-034-PI-301

REV 12