P-419
UNLOADING PUMP

BULK CORROSIVE WASTE FEED STATION

PSV 3360 SET AT 15PSI
PI 3360
PCV 3363 SET AT 6 IWC
PI 3361
PCV 3362 SET AT 7PSI
NITROGEN PLANT SUPPLY
1"ML-150CC-XXX
VC-18A
VB-10A
1" VB-10A
S A/S DPF 1 DO
SV 3361
COR-FNL
HV 3361
VB-10A
VB-10A
GROUND CLAMP
N2 PURGE TO P-419

Note
CAN FEED FROM TANKER OR TOTES

FUME VENT
D-034-PI-316
VENT HEADER

AS NEEDED

PLANT AIR
EXISTING PLANT AIR
SV 3364-A
S AS DE
1" x 1/2"
PCV 3364-A SET AT 100 psi
CAN FEED THRU PUMP OR WITH N2 PRESSURE
SV 3364
S AS DE DPF 1DO 2DI M
ZSC 3364 ZSO 3364
HV 3364
PI 3364
SV 3365
S AS DE DPF 1DO PB 3365
HV 3365 FC
FE 3366
FT 3366
FLOW METER
DPF 1 AI I 302-1
PT 3369
PSVT 3368
PSV 3368 SET AT 100PSI
PI 3368
VTA
DPF 1 AI TAH 3367
TT 3367
TE 3367
COR-FNL 3363
SAMPLING POINT
P-419
PLANT RAW WATER SUPPLY
1"
1" x 1/2"
Hastelloy/Teflon N2-150CC
1/2"
1" x 1/2"
SET AT 85PSI
PCV 3364
1"

SV 3370
S AS DE
HV 3370
ZSC 3370 ZSO 3370
1DO 2DI DPF
TO NORTH
D-034-PI-107
AFTER BURNER

SS 3399
NOTE 1

SV 3380
S AS DE
HV 3380
ZSC 3380 ZSO 3380
1DO 2DI DPF
TO SOUTH
D-034-PI-108
AFTER BURNER

"FUTURE"
TO KILN
D-034-PI-108
FRONTWALL NOZZLES

NOTE 1 : ONLY ONE VALVE OPEN AT A TIME

REGISTERED PROFESSIONAL ENGINEER
No. 7207431-2202
JOHN WILLIAM CALDWELL
05/03/19
STATE OF UTAH

INTERLOCK DESCRIPTION

M – MASTER INTERLOCK SYSTEM
302-1 FLOW LIMIT IS DETERMINED BY THE PORT BEING USED

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
4	CORRECTED DRAWING, ADDED PSVT 3368	11-01-18	JWR	TL		JWR
1	ADDED TOTES	6-01-10	LCC			
2	ADDED AIR CONTROL TO PUMP, N2 REGULATOR					
	TO TOTES, ISOLATION TO PURGE, AND WAND UPDATE	08-24-16	MM	JE		
3	2016 KILN PHA, CORRECTIONS	11-23-16	MM	TL		

REVISIONS

NO	DESCRIPTION	DATE	BY	CHK		ENG MGR
5	ADDITION OF DUPLEX STRAINER	05-01-19	JWR	CP		JWR

APPROVALS

	BY	DATE
DRAWN	KL	10-25-07
CHECKED		
ELEC		
MECH		
STRUCT		
PROJECT ENG		
ENGINEERING MGR		
AS BUILT		

REGISTERED PROFESSIONAL ENGINEER
DATE:_____

CleanHarbors
ARAGONITE LLC
THIS DRAWING IS THE PROPERTY OF CLEAN HARBORS ARAGONITE LLC ANY INFORMATION CONTAINED HEREON MAY NOT BE COPIED OR USED WITHOUT WRITTEN PERMISSION OF OWNER.

TITLE
UTAH ENVIRONMENTAL SERVICE CENTER
INCINERATION PLANT FOR INDUSTRIAL WASTES
P&ID DIRECT BURN WASTE LIQUID UNLOADING

FOR TOOELE SITE
CAD NO. KLB041
SCALE
JOB NO
SAFETY-KLEEN DWG NO D-034-PI-302 -2
REV 5