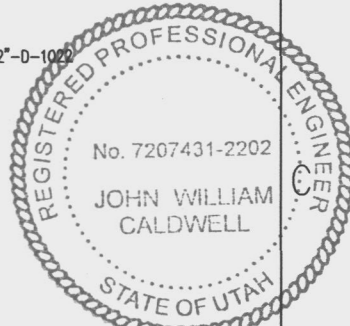


- NOTES:
1. AIT MODULES ARE LOCATED IN NEW 16-POSITION ANALYZER CONVERTER RACK LOCATED IN THE SOUTH END OF CONTROL ROOM.
 2. AIT-4012, 4013, 4014 & 4015 ARE LOCATED IN A 4-POSITION RACK MOUNTED LOCALLY ON WALL INSIDE BUILDING E-4 SOUTHEAST CORNER.
 3. SYMBOL $\overline{\text{I.P.}}$ = QUICK OPEN INSPECTION PORT.
 4. HORNS 4053 A, B, AND C ARE TRIPPED BY ANY OF THE FOLLOWING INSTRUMENTS: AIT4016, AIT4017, AIT4018A, AIT4018B, AIT4018C, AIT4018D, AIT4023, AIT4051, AIT4052, AIT1020.
 5. LEL AND COMBUSTION TRANSMITTERS GENERATE AN ALARM IN THE CONTROL ROOM WHEN THE READING IS GREATER THAN 10 AND SOUND THEIR RESPECTIVE HORNS WHEN THE READING IS GREATER THAN 20.



INTERLOCK DESCRIPTION
410-1 TO BYPASS KILN & ABC - CLOSE HV-4081, HV-4016, & HV-4050; OPEN HV4083 or HV4085 (HV4083 & HV4085 are on dwg PI-411)

REVISIONS						REVISIONS					
NO	DESCRIPTION	DATE	BY	CHK	ENG MGR	NO	DESCRIPTION	DATE	BY	CHK	ENG MGR
18	ADDED E-4, CORR WASTE ALARMS	02-22-08	KL			17	CORRECTED E-4 WIRING LOGIC AND CHANGED				
17	CORRECTED FS4097 POSITION	10-07-12	LCC			16	AIR HORNS TO ELECTRIC HORNS				
16	DCS ALARMS FOR NEW GAS METERS	05-12-10	LCC			15	ADDED SECOND LEL TO E-7	02-11-03	LCC		
15	CORRECTED DWG REFERENCES & DELETED LINE	11-10-15	MM	LB		14	REMOVED ACTUATOR FROM HV4080	04-16-03	LCC		
14	ADDED SLUDGE PAD VENT LINE	04-22-16	MM	LB		13	ADDITIONAL INTERLOCK INFORMATION	04-24-03	LC		

APPROVALS	
BY	DATE
CRM	12-23-97
AS BUILT	

CleanHarbors
ARAGONITE LLC

TITLE: UTAH ENVIRONMENTAL SERVICE CENTER
SLUDGE, DECANT AND BULK SOLIDS AREA
P&ID COMBUSTIBLES MONITORING SYSTEM

FOR TOOELE SITE CAD NO. AP338

REGISTERED PROFESSIONAL ENGINEER DATE: _____

SCALE: _____ JOB NO: _____ SAFETY-KLEEN DWG NO. D-800-PI-410 REV 24