A1 SIZE – 594mm x 841mm

CONTROLLER: GDC-K690

LOCATION: ELECTRICAL ROOM

MSA GASGUARD XL

INPUTS

CHANNEL ID	DEVICE ID	GAS TYPE	LOCATION	RANGE MAX	A1 LEVEL	A2 LEVEL	LOOP DRAWING	LOCATION DRAWING	NOTES
1	AT-K6911	METHANE	CLARIFIER ROOM	0-100% LEL	10% LEL		1-0102-AILD-K630	1-0102-AGAD-K003	
2	AT-K6912	H2S	CLARIFIER ROOM	0-50 PPM	5 PPM		1-0102-AILD-K630	1-0102-AGAD-K003	
3	AT-K6921	METHANE	PUMP ROOM	0-100% LEL	10% LEL		1-0102-AILD-K631	1-0102-AGAD-K001	
4	SPARE								
5	SPACE								
6	SPACE								
7	SPACE								
8	SPACE								

OUTPUTS

RELAY ID	DEVICE ID	DESCRIPTION	VOTING	SETTING	LOOP DRAWING	LOCATION DRAWING	NOTES
ALARM 1	–	–	FIXED	NA			
ALARM 2	–	–	FIXED	NA			
HORN 1	–	–	FIXED	NA			
HORN 2	–	–	FIXED	NA			
FAULT	–	–	FIXED	NA			
R01	AA-K6910	CLARIFIER ROOM HORNS AND STROBES	1 : 2	CHANNEL 1 AND CHANNEL 2	1-0102-AILD-K631	1-0102-AGAD-K003	
R02	AA-K6910	CLARIFIER ROOM GAS ALARM	1 : 2	CHANNEL 1 AND CHANNEL 2	1-0102-AILD-K631	1-0102-AGAD-K003	
R03	YL-K6108-1 YL-K6108-2	CLARIFIER ROOM ENTRANCE INDICATOR	1 : 2	CHANNEL 1 AND CHANNEL 2	1-0102-AILD-K618	1-0102-AGAD-K002, 003	
R04	AA-K6920	PUMP ROOM HORNS AND STROBES	1 : 1	CHANNEL 3	1-0102-AILD-K631	1-0102-AGAD-K001	
R05	AA-K6920	PUMP ROOM GAS ALARM	1 : 1	CHANNEL 3	1-0102-AILD-K631	1-0102-AGAD-K001	
R06	–	–	FIXED	NA			
R07	–	–	FIXED	NA			
R08	–	–	FIXED	NA			

REFERENCE DRAWINGS	DESCRIPTION

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION – 976-2016	2017/04/05	SSB	TMC

CH2MHILL. SNC·LAVALIN KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: S. BOGHOSIAN	CHECKED BY: T. CHURCH
DRAWN BY: S. BOGHOSIAN	APPROVED BY: E. RYCZKOWSKI
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2015/04/01	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
T.M. CHURCH
Member 32682
REGISTERED PROFESSIONAL ENGINEER
Apr. 5, 2017

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
AUTOMATION – SCHEDULES DRAWING
HIGH RATE CLARIFICATION BUILDING
GAS DETECTION SCHEDULE GDC-K690

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-ASCH-K001	001	00	A1

PLOT DATE: Apr 01, 2017 – 10:49am

FILE NAME:1-0102-ASCH-K001.dwg

LAST SAVE: 2017/04/01 – 10:49am
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0356273\1-0102-ASCH-K001.dwg