A1 SIZE – 594mm x 841mm

CONTROLLER: GDC–D690

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	AIT–D6911	METHANE	RDT ROOM	0–100% LEL	10% LEL		1–0102–AILD–D690	1–0102–AGAD–D003	
2	AIT–T6911	METHANE	HUMIDIFIER ROOM	0–100% LEL	10% LEL		1–0102–AILD–T690	1–0102–AGAD–T001	
3	AIT–T6912	H2S	HUMIDIFIER ROOM	0–50 PPM	5 PPM		1–0102–AILD–T690	1–0102–AGAD–T001	
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	AAH–D6910	RDT ROOM HORNS AND STROBES	1 : 1	CHANNEL 1	1–0102–AILD–D691	1–0102–AGAD–D003	
R02	ASH–D6910	RDT ROOM GAS ALARM	1 : 1	CHANNEL 1	1–0102–AILD–D691		
R03	AAH–T6910	HUMIDIFIER ROOM HORN AND STROBE	1 : 2	CHANNEL 2 AND CHANNEL 3	1–0102–AILD–T691	1–0102–AGAD–T001	
R04	ASH–T6910	HUMIDIFIER ROOM GAS ALARM	1 : 2	CHANNEL 2 AND CHANNEL 3	1–0102–AILD–T691		
R05	–	–	FIXED	NA			
R06	–	–	FIXED	NA			
R07	–	–	FIXED	NA			
R08	–	–	FIXED	NA			

NOTES

1.

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

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: 2016/12/15	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
FERMENTERS/THICKENERS/BIOFILTERS
GAS DETECTION SCHEDULE GDC–D690

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0102–ASCH–D001	001	00	A1

LAST SAVE: 2017/04/01 – 10:49am
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0356273\1–0102–ASCH–D001.dwg

PLOT DATE: Apr 01, 2017 – 10:49am

FILE NAME:1–0102–ASCH–D001.dwg