

CONTROLLER: GDC-S1
 LOCATION: SECONDARY CLARIFIER LAB
 DRAEGER DRAEGERGARD 8/16

MAIN BOARD

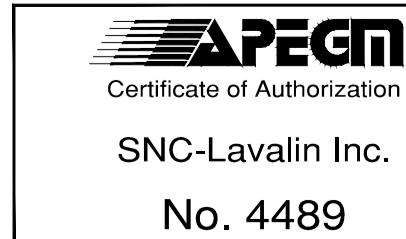
TB	R	ID	DESCRIPTION	LOOP DWG	LOCATION DWG	NOTES
TB1	A3	S590-QF	GDC-S1 COMMON FAULT ALARM	1-0102S-A0065	N/A	

INPUT CHANNELS

MODULE	CH	ID	DESCRIPTION	LOOP DWG	LOCATION DWG	NOTES
AI-1	1	S590-AT01	SCRUBBER RM METHANE LEVEL	1-0102S-A0061	1-0102S-A0056	
AI-1	2	S590-AT02	SCRUBBER RM H ₂ S LEVEL	1-0102S-A0061	1-0102S-A0056	
AI-1	3	S591-AT01	TRUCK BAY H ₂ S LEVEL	1-0102S-A0062	1-0102S-A0056	
AI-1	4	SPARE				
AI-1	5	SPARE				
AI-1	6	SPARE				
AI-1	7	SPARE				
AI-1	8	SPARE				
AI-2	9	SPACE				
AI-2	10	SPACE				
AI-2	11	SPACE				
AI-2	12	SPACE				
AI-2	13	SPACE				
AI-2	14	SPACE				
AI-2	15	SPACE				
AI-2	16	SPACE				

RELAY OUTPUT CHANNELS

MODULE	CH	ID	DESCRIPTION	LOOP DWG	LOCATION DWG	NOTES
DO-1	1	S590-AA01	SCRUBBER RM HORN & STROBE	1-0102S-A0063	1-0102S-A0056	CH ZONE 1 & 2
DO-1	2	SF-S590-AA	SCRUBBER ROOM DCS ALARM	1-0102S-A0063	N/A	CH ZONE 1 & 2
DO-1	3	S591-AA01	TRUCK BAY HORN & STROBE	1-0102S-A0064	1-0102S-A0056	CH ZONE N/A
DO-1	4	SPARE				
DO-1	5	SPARE				
DO-1	6	SPARE				
DO-1	7	SPARE				
DO-1	8	SPARE				
DO-2	9	SPACE				
DO-2	10	SPACE				
DO-2	11	SPACE				
DO-2	12	SPACE				
DO-2	13	SPACE				
DO-2	14	SPACE				
DO-2	15	SPACE				
DO-2	16	SPACE				
DO-3	1	SPARE				CH ZONE 1 & 2
DO-3	2	SPARE				CH ZONE 1 & 2
DO-3	3	SF-S591-AA	TRUCK BAY DCS ALARM	1-0102S-A0064	N/A	CH ZONE N/A
DO-3	4	SPARE				
DO-3	5	SPARE				
DO-3	6	SPARE				
DO-3	7	SPARE				
DO-3	8	SPARE				



NO.	REVISIONS	DATE	DESIGN	CJR	CHECK
00	ISSUED FOR TENDER, BID OPP. 209-2011	2011/03/11	TMC	CJR	

SNC-LAVALIN INC.
 148 Nature Park Way
 Winnipeg, MB, Canada R3P 0X7
 204-786-8080

DESIGNED BY: T. CHURCH
 CHECKED BY: C. REIMER
 DRAWN BY: S. COATES
 APPROVED BY: C. REIMER
 SCALE: NTS
 RELEASED FOR CONSTRUCTION BY: N. HARRINGTON
 DATE: 2009/10/23
 DATE: 2011/03/11

CONSULTANT NO.: 112577-0106-48DD-1602

ENGINEER'S SEAL

ORIGINAL DRAWING
 SEALED BY:
 T. M. CHURCH
 SNC-LAVALIN
 MEMBER # 32682
 2011/03/25
 REV. 00

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
 ESSENTIAL POWER UPGRADES
 GAS DETECTION SCHEDULES
 GDC-S1

CITY DRAWING NUMBER: 1-0102S-A0058
 SHEET: 001
 REV: 00
 SIZE: A1