

 SNC · LAVALIN	INSTRUMENT LIST		Document Code	112577-0113-47EL-0001
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Client City of Winnipeg				
Project SEWPCC Reliability Upgrades, Electrical Classification Upgrades				
Package / Area				
Prepared By	Name	Signature	Date	
	Tim Church		2012-02-24	
Checked By	Name	Signature	Date	
	Curtis Reimer		2012-02-24	
Approved By	Name	Signature	Date	
	Curtis Reimer		2012-02-24	
Notes / Comments			Seal	
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Revisions					
Rev	Description	Date	By	Checked	Approved
00	Issued For Tender	2012-02-14	T. Church	C. Reimer	C. Reimer

Tag	Description	Replace Existing?	Plan Drawing	P&ID Drawing	Loop Drawing	Manufacturer	Model	Comments
B686-HS-1	B686-EF Emergency Stop	Yes	1-1012B-E0011	1-1012B-A0020	SEP-2000	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
B686-PS	B686-EF Pressure Switch	Yes	1-1012B-E0011	1-1012B-A0020	SEP-2000	United Electric	H117-540	
B687-HS-1	B687-EF Emergency Stop	Yes	1-1012B-E0011	1-1012B-A0020	SEP-2002	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
B687-PS	B687-EF Pressure Switch	Yes	1-1012B-E0011	1-1012B-A0020	SEP-2002	United Electric	H117-540	
B688-HS-1	B688-EF Emergency Stop	Yes	1-1012B-E0011	1-1012B-A0020	SEP-2004	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
B688-PS	B688-EF Pressure Switch	Yes	1-1012B-E0011	1-1012B-A0020	SEP-2004	United Electric	H117-540	
G107-LE	East Wet Well High Level Sensor	No	1-1012G-E0017	1-1012G-A0001	SEP-2025	Milltronics	ST-25	Requires hazardous seal
G108-LSH	East Wet Well High Level Switch	Yes	1-1012G-E0017	1-1012G-A0001	1-1012G-A0042	Flight	ENM-10	Install I.S. barrier for switch
G109-LE	West Wet Well High Level Sensor	No	1-1012G-E0017	1-1012G-A0001	SEP-2026	Milltronics	ST-25	Requires hazardous seal
G110-LSH	West Wet Well High Level Switch	Yes	1-1012G-E0017	1-1012G-A0001	1-1012G-A0042	Flight	ENM-10	Install I.S. barrier for switch
G201-LE	Discharge Channel Ultrasonic Level Transducer	No	1-1012G-E0021	1-1012G-A0007	SEP-2032	Milltronics	ST-25	
G202-LSH	Discharge Channel Ultrasonic Level Transducer	Yes	1-1012G-E0021	1-1012G-A0007	1-1012G-A0043	Flight	ENM-10	Install I.S. barrier for switch
G220-TT	Screen Room Temperature Transmitter	No	1-1012G-E0024	1-1012G-A0008	SEP-2046	Rosemount	244	Requires hazardous seal
G226-ZSB	Grit Tank Sluice Gate Actuator Limit Switch	Yes	1-1012G-E0024	1-1012G-A0008	SEP-2048	Rotork	IQ25Z	Part of G226-SG Actuator
G226-ZSD	Grit Tank Sluice Gate Actuator Limit Switch	Yes	1-1012G-E0024	1-1012G-A0008	SEP-2048	Rotork	IQ25Z	Part of G226-SG Actuator
G255-LE	G255-BS Ultrasonic Level Transducer	No	1-1012G-E0021	1-1012G-A0012	SEP-2069	Milltronics	ST-25	
G257-LE	G257-BS Ultrasonic Level Transducer	No	1-1012G-E0021	1-1012G-A0014	SEP-2067	Milltronics	ST-25	
G258-HS-1	G258-GRP Emergency Stop	Yes	1-1012G-E0020	1-1012G-A0011	SEP-2068	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
G259-HS-1	G259-GRP Emergency Stop	Yes	1-1012G-E0020	1-1012G-A0011	SEP-2068	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
G260-HSS-1	G260-CON Emergency Stop	Yes	1-1012G-E0021	1-1012G-A0015	1-1012G-E0035	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
G260-HSS-2	G260-CON Pull Cord Switch	Yes	1-1012G-E0020	1-1012G-A0015	1-1012G-E0035	Crouse Hinds	AFUX0333	Requires hazardous seal
G260-HSS-3	G260-CON Pull Cord Switch	Yes	1-1012G-E0020	1-1012G-A0015	1-1012G-E0035	Crouse Hinds	AFUX0333	Requires hazardous seal
G260-XA	G260-CON Warning Strobe	Yes	1-1012G-E0020	1-1012G-A0015	1-1012G-E0035	Crouse Hinds	XB16UL	Seal as required
G260-XJ	G260-CON Warning Horn	Yes	1-1012G-E0020	1-1012G-A0015	1-1012G-E0035	Crouse Hinds	DB3PULA110D3NNNR	Requires hazardous seal
G260-ZS-1	G260-CON Misalignment Switch	Yes	1-1012G-E0020	1-1012G-A0015	1-1012G-E0035	Allen-Bradley	802XR	
G260-ZS-2	G260-CON Misalignment Switch	Yes	1-1012G-E0020	1-1012G-A0015	1-1012G-E0035	Allen-Bradley	802XR	
G530-ZSD	Truck Bay Door Limit Switch	Yes	1-1012G-E0022	1-1012G-A0033	SEP-2094	Topworx	31-17526-A2	Requires hazardous seal
G532-ZSD	Wet Well Foyer Door Switch	Yes	1-1012G-E0018	1-1012G-A0032	SEP-2094	Topworx	31-17526-A2	Requires hazardous seal
G534-ZSD	Truck Bay Overhead Door Limit Switch	Yes	1-1012G-E0022	1-1012G-A0032	SEP-2094	Topworx	31-17526-A2	Requires hazardous seal
G566-ZSS	Truck Bay Overhead Door Safety Edge Switch	Yes	1-1012G-E0022	1-1012G-A0032	1-1012G-E0033	Crouse Hinds	DSDSR30320-SA	Supplied by Door Operator Manufacturer
G606-HS	Wet Well Entry Switch	Yes	1-1012G-E0018	1-1012G-A0093	1-1012G-A0090	Crouse Hinds	800H	Requires hazardous seal
G688-HS-1	G688-EF Emergency Stop	Yes	1-1012G-E0020	1-1012G-A0030	SEP-2126	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
G688-PS	G688-EF Pressure Switch	Yes	1-1012G-E0020	1-1012G-A0030	SEP-2126	United Electric	H117-540	
P631-HS-1	P631-EF Emergency Stop	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1187	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
P631-PS	P631-EF Pressure Switch	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1187	United Electric	H117-540	
P631-ZSD	P631-EF Limit Switch	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1187	Allen-Bradley	802X	Requires hazardous seal
P632-HS-1	P632-EF Emergency Stop	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1189	Allen-Bradley	800H	Requires hazardous seal
P632-PS	P632-EF Pressure Switch	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1189	United Electric	H117-540	
P632-ZSD	P632-EF Limit Switch	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1189	Allen-Bradley	802X	Requires hazardous seal
P633-HS-1	P633-EF Emergency Stop	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1191	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
P633-PS	P633-EF Pressure Switch	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1191	United Electric	H117-540	
P633-ZSD	P633-EF Limit Switch	Yes	1-1012P-E0015	1-1012P-A0029	SEP-1191	Allen-Bradley	802X	Requires hazardous seal
P636-HS-1	P636-EF Emergency Stop	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1193	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
P636-PS	P636-EF Pressure Switch	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1193	United Electric	H117-540	
P636-ZSD	P636-EF Limit Switch	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1193	Allen-Bradley	802X	Requires hazardous seal
P637-HS-1	P637-EF Emergency Stop	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1195	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
P637-PS	P637-EF Pressure Switch	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1195	United Electric	H117-540	
P637-ZSD	P637-EF Limit Switch	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1195	Allen-Bradley	802X	Requires hazardous seal
P638-HS-1	P638-EF Emergency Stop	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1197	Allen-Bradley	800H	Requires internal sealing well or hazardous seal
P638-PS	P638-EF Pressure Switch	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1197	United Electric	H117-540	
P638-ZSD	P638-EF Limit Switch	Yes	1-1012P-E0016	1-1012P-A0031	SEP-1197	Allen-Bradley	802X	Requires hazardous seal