

CLIENT NAME: OYU TOLGOI LLC

PROJECT NAME: Oyu Tolgoi Underground Project Rev_1

	R	REQUEST FOR IN	FORMATIO	N (RFI)					
TO:	Jacobs		DATE:	08-31-2022					
FROM: PHONE #:	MCS International L	.LC	RFI No: REV#	TWS-0414-RFI-0054					
THONE #.	+976-77226262		NEV#	0					
SUBJECT: 1	883 : Clarification o	of 1883-XV-2101							
Refer	rence Document No.	Rev No.		Title					
	00-70-LST-1147	0	Oyu Tolgoi underground project contract C-004D instr						
18	383-25-J1-1121	0	Oyu Tolgoi underground project underground workshops tru shop haulage level water distribution toilet and bootwash – P						
Discipline C	odes (Mandatory)	D1 (CSA) -	D2 (MP	P) - D3 (E	E&I) - D4 (Other) -				
drawing, just HN Request: 1. Where Appendix: 1. 1883- 2. Solen	D-LST-1101, 1883-XV-2101 set of install the 1883-XV-2101 XV-2101 solenoid valve was oid valve was marked on 1880-1881 applies only to this requested RFI applies only to this requested that the RFI be incorporated	solenoid valve? marked on 0000-70-L 83-25-J1-1121 drawin	ST-1101.	t washer pump. But	as per 1883-25-J1-1121				
□TECHNICAL DEV									
Prepared By: Bayarkh	Digitally signed by Bayarkhuu.B	Date: 08-27-2022	Approved By	Fid Hygurally Sh. Sh. E=e	itally signed by enebayar Sh. C=MN CN=Erdenebayar OU=MCSI 07-UG project pridenebayar sh@mcsi.mn e: 2022.08.27 15:04:15				
Response:									
1883-AP-2025 sketch. Other things clarification.	nstalled in the most conversed. 5-C1A-001"-NI is incorrectare why is this issue being ccept this issue again.	t tag number, should	d be 1883-AP	-2019 shall be redl	_				
Reference Doc	ument No.	Rev No.	Title		Comment				
Prepared By		Date	Approved By	proved By Date					

		Client	Ovu Tolgoi I I C					INSTRUMENT LIST					Jacobs Document NSN1809-0000/IA.LST/1147			
	Client Document Nc0000-70-LST-1147 Location: Oyu Tolgoi Underground Project Revision: 0									JACOBS °						
	Tolgoi	Area:	Contract C-004D													Pomorks / Comments Pov
WBS Ori	ginal Instrument Tag No. Tag	Instrument Type	Instrument Type Description	Instrument Type Description (Mongolian)	P&ID N° F	ID Seq Seq No Instrument Description	Instrument Description (Mongolian) Location (S/U) Service	Equipment Name Data Sheet or Line Number	Layout Drawing	Vendor Tag Vendor / Manufacturer	Make	Model Signal Type Measured Variable	Operating Range Instrument Alarm Units Setti	Trip Supply	Data Quality	Remarks / Comments Rev
1883	N 1883-PI-5703	PI	Pressure,Indicator	Даралт, заагч		57 3 Pressure,Indicator	Underground Download Gear Oil Lubrication Unit		1883-70-O2-1305			Pressure		CW2100451	Certified	For More Details RJE Instrument Equipment ,See RJE Document No A
1883	N 1883-PI-5710	DI	Proceure Indicator	Породт гооди		57 10 Pressure,Indicator	Download Motor Oil Lubrication Uni	evel - Download Trans/Download Motor Oil Lubrication Unit	1992 70 02 1206			Proceuro		CW2100451	Certified	0000-70-LST-1956 For More Details RJE Instrument Equipment ,See RJE Document No A
1883	N 1883-PI-5/10	PI	Pressure,Indicator	Даралт, заагч		57 TO Pressure, Indicator	Underground 1883-LUS-2005	evel - Download Trans/Download Motor Oil Lubrication Unit	1883-70-O2-1306			Pressure		CW2100451	Certilled	0000-70-LST-1956 For More Details RJE Instrument
1883	N 1883-PI-5717	PI	Pressure,Indicator	Даралт, заагч		57 17 Pressure,Indicator	Underground Download AT Fluid Lubrication Unit	laulage Level - Download AT Fluid Lubrication Unit	1883-70-O2-1305			Pressure		CW2100451	Certified	Equipment ,See RJE Document No A 0000-70-LST-1956
1883	N 1883-PI-6203	PI	Pressure,Indicator	Даралт, заагч		62 3 Pressure,Indicator	Underground Download Spare Lubrication Unit 1883-LUS-2006	Haulage Level - Download Spare Lubrication Unit	1883-70-O2-1306			Pressure		CW2100451	Certified	For More Details RJE Instrument Equipment ,See RJE Document No A 0000-70-LST-1956
1883	N 1883-LSH-1303B	LSH	Level,Switch High	Түвшин, унтраалга өндөр	1883-25-J1-1113	13 3 Level,Switch High	Underground Wash Bay Sump 1883-SUM-2001	Haulage Level - Wash Bay Sump 1883-SUM-2001	1883-70-O2-1309			Digital Level		CW2100260	Certified	For More Details, See Information Package CW2100260.
1883	N 1883-LSHH-1303A	LSHH	Level Switch High High	ТВА	1883-25-J1-1113	13 3 Level Switch High High	Underground Wash Bay Sump 1883-SUM-2001	Haulage Level - Wash Bay Sump 1883-SUM-2001	1883-70-O2-1309			Digital Level		CW2100260	Certified	For More Details, See Information Package CW2100260.
1883	N 1883-LSL-1302	LSL	Level,Switch Low	Түвшин, унтраалга нам	1883-25-J1-1113	13 2 Level,Switch Low	Underground Wash Bay Sump 1883-SUM-2001 Mine Service Water Pressure From	Haulage Level - Wash Bay Sump 1883-SUM-2001	1883-70-O2-1309	Manufacturer		Digital Level		CW2100260	Certified	For More Details, See Information Package CW2100260.
1883	N 1883-PI-1301	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1113	13 1 Pressure,Indicator	Underground Service Water Tank 1861-TNK-2300 to 1883-TNK-2001		1883-70-O2-1309		Ashcroft	1279-S-SL-04-L-XNHSG-XXX/XXX kp (#) Pressure	0 kPag	C-004D	Certified	Α
1883	N 1883-PI-1307	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1113	13 7 Pressure,Indicator	Underground Recycled Water Pressure From Pump 1883-PUM-2002	1883-WP-2300-C1A-004"-NI 1883-70-DSH-1104		ACCUITON	Ashcroft	04-L-XNHSG-XXX/XXX kp (#) / 10100SS04TXCKYT Pressure	0 kPag	C-004D	Certified	A
1883	N 1883-AE-1407A N 1883-AE-1409A	AE AE	Analysis,Element Analysis,Element	Анализ, элемент Анализ, элемент	1883-25-J1-1114 1883-25-J1-1114	14 7 CO, Sensor 14 9 CO, Sensor		Fruck Shop Haulage Level - Wash Bay1883-70-DSH-1102Fruck Shop Haulage Level - Wash Bay1883-70-DSH-1102		ACCUTRON ACCUTRON	TROLEX TROLEX	TX6350.03.250.500 Carbon Monoxide Gas TX6350.03.250.500 Carbon Monoxide Gas	De 0-500 ppm)0 ppm, I		Certified	Part of 1883-AIT-1407A. 0 Part of 1883-AIT-1409A. 0 Wiring & Connection Diagram 1883-70-
1883	N 1883-AIT-1407A N 1883-AIT-1409A	AIT	Analysis, Indicating Transmitter Analysis, Indicating Transmitter	TBA	1883-25-J1-1114 1883-25-J1-1114	 7 CO Analysis, Indicating & Transmitter 9 CO Analysis, Indicating & Transmitter 		Fruck Shop Haulage Level - Wash Bay 1883-70-DSH-1102 Fruck Shop Haulage Level - Wash Bay 1883-70-DSH-1102		ACCUTRON	TROLEX	TX6352.03.12 4 - 20 mA n Monoxide Gas TX6352.03.12 4 - 20 mA n Monoxide Gas	11 /		Certified Certified	W2-1251 Wiring & Connection Diagram 1883-70-
1883	N 1883-TI-1408	TI	Temperature,Indicator	Температур, заагч	1883-25-J1-1114	14 8 Temperature,Indicator	Underground Environmental Temperature Detector	Fruck Shop Haulage Level - Wash Bay 1883-70-DSH-1102		Manufacturer	Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	W2-1261 Wiring & Connection Diagram 1883-70- W2-1261 A
1883	N 1883-TI-1410	ТІ	Temperature,Indicator	Температур, заагч	1883-25-J1-1114	14 10 Temperature,Indicator	Underground Environmental Temperature Detector Detector	Fruck Shop Haulage Level - Wash Bay 1883-70-DSH-1102	1883-70-O2-1309	Manufacturer	Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1261
1883	N 1883-TT-1408	ТТ	Temperature,Transmitter	Температур, дамжуулагч	1883-25-J1-1114	14 8 Temperature, Transmitter	Underground Environmental Temperature Detector	Fruck Shop Haulage Level - Wash Bay 1883-70-DSH-1102	1883-70-O2-1309	Manufacturer	Endress+Hauser	TST434-J1A3BR+TZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1261
1883	N 1883-TT-1410	ТТ	Temperature,Transmitter	Температур, дамжуулагч	1883-25-J1-1114	14 10 Temperature,Transmitter	Underground Environmental Temperature Detector Visual and audible alarm by high	Fruck Shop Haulage Level - Wash Bay 1883-70-DSH-1102		Manufacturer	Endress+Hauser	TST434-J1A3BR+TZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1261 Wiring & Connection Diagram 1883-70-
1883	N 1883-XA-1407 N 1883-XA-1409	XA	Miscellaneous, Alarm Miscellaneous, Alarm	TBA	1883-25-J1-1114 1883-25-J1-1114	 7 Safety Alarm Light 9 Safety Alarm Light 	Underground levels of CO/CO2	ruck Shop Haulage Level - Wash Bay 1883-70-DSH-1109 ruck Shop Haulage Level - Wash Bay 1883-70-DSH-1109		Manufacturer Manufacturer	Klaxon Nexus Klaxon Nexus		100 candela / 120 dB to 1 m. 100 candela / 120 dB to 1 m.	C-004D	Certified Certified	W2-1263 Wiring & Connection Diagram 1883-70-
1883	N 1883-PI-1502	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1115	15 2 Pressure,Indicator	Linderground Air Distribution pressure from	ruck Shop Haulage Level - Wash Bay 1883-70-DSH-1109 1883-AP-2052-C1A-004"-NI 1883-70-DSH-1104		ivialiulacturei	Ashcroft	Klaxon Nexus 110, PNC-0029 Digital 60 to 1279-S-SL-02-L-XNHSG-XXX/XXX kp (#) Pressure	0 kPag	C-004D	Certified	W2-1263 A
1883	N 1883-PIT-1504	PIT	Pressure,Transmitter,Indicator	TBA	1883-25-J1-1115	15 4 Pressure,Transmitter,Indicator	Underground compressor 1883-CMP-2001 Underground Air Distribution Pressure From Air Receiver 1883-REC-2001	1883-AP-2059-C1A-004"-NI 1883-70-DSH-1103	1883-70-O2-1301		Rosemount by Emersor	n 3051T-G-2-A-2B-2-1-B-Q4-M4 4 - 20 mA Pressure	0 kPag	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1253
1883 1883	N 1883-AE-1701A N 1883-AE-1703A	AE AE	Analysis,Element Analysis,Element	Анализ, элемент Анализ, элемент	1883-25-J1-1117 1883-25-J1-1117	17 1 CO, Sensor 17 3 CO, Sensor	Underground Carbon Monoxide Gas Detector Underground Carbon Monoxide Gas Detector	Bus and LV Parking 1883-70-DSH-1102 Bus and LV Parking 1883-70-DSH-1102	1883-70-O2-1301	ACCUTRON ACCUTRON	TROLEX TROLEX	TX6350.03.250.500 Carbon Monoxide Gas TX6350.03.250.500 Carbon Monoxide Gas	De 0-500 ppm)0 ppm, I	HH = 20 C-004D HH = 20 C-004D	Certified Certified	Part of 1883-AIT-1701A. 0 Part of 1883-AIT-1703A. 0
1883 1883	N 1883-AE-1705A N 1883-AE-1707A N 1883-AE-1709A	AE AE	Analysis, Element Analysis, Element Analysis, Element	Анализ, элемент Анализ, элемент Анализ, элемент	1883-25-J1-1117 1883-25-J1-1117 1883-25-J1-1117	17 5 CO, Sensor 17 7 CO, Sensor 17 9 CO, Sensor		k Shop Haulage Level - Road Train B 1883-70-DSH-1102 uck Shop Haulage Level - Lunch Roo k Shop Haulage Level - Road Train B 1883-70-DSH-1102	1883-70-O2-1303 1883-70-O2-1301 1883-70-O2-1304	ACCUTRON ACCUTRON ACCUTRON	TROLEX TROLEX TROLEX	TX6350.03.250.500 Carbon Monoxide Gas TX6350.03.250.500 Carbon Monoxide Gas TX6350.03.250.500 Carbon Monoxide Gas	De 0-500 ppm)0 ppm, I	HH = 20 C-004D	Certified Certified Certified	Part of 1883-AIT-1705A. 0 Part of 1883-AIT-1707A. 0 Part of 1883-AIT-1709A. 0
1883 1883	N 1883-AE-1713A N 1883-AE-1715A	AE AE	Analysis, Element Analysis, Element	Анализ, элемент Анализ, элемент Анализ, элемент	1883-25-J1-1117 1883-25-J1-1117	17 13 CO, Sensor 17 15 CO, Sensor	Underground Carbon Monoxide Gas Detector	uck Shop Haulage Level - Service Bay uck Shop Haulage Level - Service Bay uck Shop Haulage Level - Service Bay 1883-70-DSH-1102	1883-70-O2-1308	ACCUTRON ACCUTRON	TROLEX TROLEX TROLEX	TX6350.03.250.500 Carbon Monoxide Gas TX6350.03.250.500 Carbon Monoxide Gas TX6350.03.250.500 Carbon Monoxide Gas	De 0-500 ppm)0 ppm, I	HH = 20 C-004D	Certified Certified	Part of 1883-AIT-1713A. 0 Part of 1883-AIT-1715A. 0
1883	N 1883-AE-1717A N 1883-AIT-1701A	AE AIT	Analysis, Element Analysis, Indicating Transmitter	Анализ, элемент	1883-25-J1-1117 1883-25-J1-1117	 17 CO, Sensor 17 CO Analysis, Indicating & Transmitter 	Underground Carbon Monoxide Gas Detector Underground Carbon Monoxide Gas Detector	ruck Shop Haulage Level - Tire Storag 1883-70-DSH-1102 Bus and LV Parking 1883-70-DSH-1102	1883-70-O2-1301	ACCUTRON ACCUTRON	TROLEX TROLEX	TX6350.03.250.500 Carbon Monoxide Gas TX6352.03.12 4 - 20 mA n Monoxide Gas	De 0-500 ppm)0 ppm, I	HH = 20 C-004D HH = 20 C-004D	Certified Certified	Part of 1883-AIT-1717A. 0 Wiring & Connection Diagram 1883-70-
1883	N 1883-AIT-1703A	AIT	Analysis, Indicating Transmitter		1883-25-J1-1117	17 3 CO Analysis, Indicating & Transmitter	Underground Carbon Monoxide Gas Detector	Bus and LV Parking 1883-70-DSH-1102		ACCUTRON	TROLEX	TX6352.03.12 4 - 20 mA n Monoxide Gas			Certified	W2-1251 Wiring & Connection Diagram 1883-70- W2-1251 A
1883	N 1883-AIT-1705A	AIT	Analysis, Indicating Transmitter	TBA	1883-25-J1-1117	17 5 CO Analysis, Indicating & Transmitter	Underground Carbon Monoxide Gas Detector	k Shop Haulage Level - Road Train B 1883-70-DSH-1102	1883-70-O2-1303	ACCUTRON	TROLEX	TX6352.03.12 4 - 20 mA n Monoxide Gas	De 0-500 ppm)0 ppm, I	HH = 20 C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1252
1883	N 1883-AIT-1707A	AIT	Analysis, Indicating Transmitter	ТВА	1883-25-J1-1117	17 7 CO Analysis, Indicating & Transmitter	Underground Carbon Monoxide Gas Detector	uck Shop Haulage Level - Lunch Roo 1883-70-DSH-1102	1883-70-O2-1301	ACCUTRON	TROLEX	TX6352.03.12 4 - 20 mA n Monoxide Gas	De 0-500 ppm)0 ppm, H	HH = 20 C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1251
1883	N 1883-AIT-1709A	AIT	Analysis, Indicating Transmitter		1883-25-J1-1117	17 9 CO Analysis, Indicating & Transmitter		k Shop Haulage Level - Road Train B 1883-70-DSH-1102		ACCUTRON	TROLEX	TX6352.03.12 4 - 20 mA n Monoxide Gas	11 /	HH = 20	Certified	Wiring & Connection Diagram 1883-70- W2-1252 Wiring & Connection Diagram 1883-70-
1883	N 1883-AIT-1713A N 1883-AIT-1715A	AIT	Analysis, Indicating Transmitter Analysis, Indicating Transmitter	TBA	1883-25-J1-1117 1883-25-J1-1117	 17 13 CO Analysis, Indicating & Transmitter 17 15 CO Analysis, Indicating & Transmitter 		uck Shop Haulage Level - Service Bay 1883-70-DSH-1102 uck Shop Haulage Level - Service Bay 1883-70-DSH-1102		ACCUTRON	TROLEX	TX6352.03.12 4 - 20 mA n Monoxide Gas TX6352.03.12 4 - 20 mA n Monoxide Gas			Certified Certified	W2-1254 Wiring & Connection Diagram 1883-70-
1883	N 1883-AIT-1717A	AIT	Analysis, Indicating Transmitter		1883-25-J1-1117	17 17 CO Analysis, Indicating & Transmitter		ruck Shop Haulage Level - Tire Storag 1883-70-DSH-1102		ACCUTRON	TROLEX	TX6352.03.12 4 - 20 mA n Monoxide Gas				W2-1254 Wiring & Connection Diagram 1883-70- W2-1254 A
1883	N 1883-TI-1702	TI	Temperature,Indicator	Температур, заагч	1883-25-J1-1117	17 2 Temperature,Indicator	Underground Environmental Temperature Detector	Bus and LV Parking 1883-70-DSH-1102	1883-70-O2-1301	Manufacturer	Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1251
1883	N 1883-TI-1704	ТІ	Temperature,Indicator	Температур, заагч	1883-25-J1-1117	17 4 Temperature,Indicator	Underground Environmental Temperature Detector	Bus and LV Parking 1883-70-DSH-1102	1883-70-O2-1301	Manufacturer	Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1251
1883	N 1883-TI-1706	ТІ	Temperature,Indicator	Температур, заагч	1883-25-J1-1117	17 6 Temperature,Indicator	Environmental Temperature	k Shop Haulage Level - Road Train B 1883-70-DSH-1102		Manufacturer	Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1252 Wiring & Connection Diagram 1883-70-
1883	N 1883-TI-1708 N 1883-TI-1710	TI	Temperature,Indicator Temperature,Indicator	Температур, заагч	1883-25-J1-1117 1883-25-J1-1117	17 8 Temperature, Indicator 17 10 Temperature, Indicator	Onderground Detector Environmental Temperature	uck Shop Haulage Level - Lunch Roo 1883-70-DSH-1102 k Shop Haulage Level - Road Train B 1883-70-DSH-1102		Manufacturer Manufacturer	Endress+Hauser Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C 0-50 °C	C-004D C-004D	Certified Certified	W2-1251 Wiring & Connection Diagram 1883-70-
1883	N 1883-TI-1714	ті	Temperature, Indicator	Температур, заагч	1883-25-J1-1117	17 14 Temperature, Indicator	Underground Environmental Temperature	uck Shop Haulage Level - Koad Haili B 1883-70-DSH-1102		Manufacturer	Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	W2-1252 Wiring & Connection Diagram 1883-70-
1883	N 1883-TI-1716	ті	Temperature,Indicator	Температур, заагч	1883-25-J1-1117	17 16 Temperature,Indicator	Underground Detector Underground Environmental Temperature Detector	uck Shop Haulage Level - Service Bay 1883-70-DSH-1102		Manufacturer	Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	W2-1254 Wiring & Connection Diagram 1883-70- W2-1254 A
1883	N 1883-TI-1718	ТІ	Temperature,Indicator	Температур, заагч	1883-25-J1-1117	17 18 Temperature,Indicator	Underground Environmental Temperature Detector	ruck Shop Haulage Level - Tire Storag 1883-70-DSH-1102	1883-70-O2-1301	Manufacturer	Endress+Hauser	RIA15-AAB2+F1H7KJNCPAPBZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1254
1883	N 1883-TT-1702	ТТ	Temperature,Transmitter	Температур, дамжуулагч	1883-25-J1-1117	17 2 Temperature,Transmitter	Underground Environmental Temperature Detector Environmental Temperature	Bus and LV Parking 1883-70-DSH-1102		Manufacturer	Endress+Hauser	TST434-J1A3BR+TZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1251 Wiring & Connection Diagram 1883-70
1883	N 1883-TT-1704	TT	Temperature,Transmitter	Температур, дамжуулагч	1883-25-J1-1117	17 4 Temperature, Transmitter	Underground Environmental Temperature Detector Linderground Environmental Temperature	Bus and LV Parking 1883-70-DSH-1102		Manufacturer	Endress+Hauser	TST434-J1A3BR+TZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1251 Wiring & Connection Diagram 1883-70-
1883	N 1883-TT-1706 N 1883-TT-1708	TT	Temperature,Transmitter Temperature,Transmitter	Температур, дамжуулагч Температур, дамжуулагч	1883-25-J1-1117 1883-25-J1-1117	17 6 Temperature, Transmitter 17 8 Temperature, Transmitter	Underground Detector Underground Environmental Temperature	k Shop Haulage Level - Road Train B 1883-70-DSH-1102 ruck Shop Haulage Level - Lunch Roo 1883-70-DSH-1102	1883-70-O2-1303 1883-70-O2-1301	Manufacturer Manufacturer	Endress+Hauser Endress+Hauser	TST434-J1A3BR+TZ1 4 - 20 mA Temperature TST434-J1A3BR+TZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified Certified	W2-1252 Wiring & Connection Diagram 1883-70-
1883	N 1883-TT-1710	тт	Temperature, Transmitter	Температур, дамжуулагч	1883-25-J1-1117	17 10 Temperature, Transmitter	Underground Detector Underground Environmental Temperature Detector	k Shop Haulage Level - Road Train B 1883-70-DSH-1102		Manufacturer	Endress+Hauser	TST434-J1A3BR+TZ1	0-50 °C	C-004D		W2-1251 Wiring & Connection Diagram 1883-70- W2-1252 A
1883	N 1883-TT-1714	тт	Temperature,Transmitter	Температур, дамжуулагч	1883-25-J1-1117	17 14 Temperature,Transmitter	Environmental Temperature	uck Shop Haulage Level - Service Bay 1883-70-DSH-1102	1883-70-O2-1308	Manufacturer	Endress+Hauser	TST434-J1A3BR+TZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1254
1883	N 1883-TT-1716	TT	Temperature, Transmitter	Температур, дамжуулагч	1883-25-J1-1117	17 16 Temperature, Transmitter	Bottotoi	uck Shop Haulage Level - Service Bay 1883-70-DSH-1102	1883-70-O2-1308	Manufacturer	Endress+Hauser	TST434-J1A3BR+TZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1254
1883	N 1883-TT-1718	TT	Temperature,Transmitter	Температур, дамжуулагч	1883-25-J1-1117	17 18 Temperature, Transmitter	Visual and sudible plays by high	ruck Shop Haulage Level - Tire Storag 1883-70-DSH-1102		Manufacturer	Endress+Hauser	TST434-J1A3BR+TZ1 4 - 20 mA Temperature	0-50 °C	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1254 Wiring & Connection Diagram 1883-70-
1883	N 1883-XA-1701 N 1883-XA-1703	XA	Miscellaneous, Alarm Miscellaneous, Alarm	TBA	1883-25-J1-1117 1883-25-J1-1117	17 1 Safety Alarm Light 17 3 Safety Alarm Light	levels of CO/CO2 Underground Visual and audible alarm by high	ruck Shop Haulage Level - Bus Parkin 1883-70-DSH-1109 ruck Shop Haulage Level - LV Parkin 1883-70-DSH-1109		Manufacturer Manufacturer	Klaxon Nexus Klaxon Nexus		100 candela / 120 dB to 1 m. 100 candela / 120 dB to 1 m.	C-004D	Certified Certified	W2-1251 Wiring & Connection Diagram 1883-70-
1883	N 1883-XA-1705	XA	Miscellaneous, Alarm	ТВА	1883-25-J1-1117	17 5 Safety Alarm Light	Visual and sudible clarm by high	k Shop Haulage Level - Road Trainj E 1883-70-DSH-1109		Manufacturer	Klaxon Nexus		100 candela / 120 dB to 1 m.	C-004D	Certified	W2-1251 Wiring & Connection Diagram 1883-70- W2-1252 A
1883	N 1883-XA-1707	XA	Miscellaneous, Alarm	ТВА	1883-25-J1-1117	17 7 Safety Alarm Light	Underground Visual and audible alarm by high levels of CO/CO2	uck Shop Haulage Level - Lunch Roo 1883-70-DSH-1109	1883-70-O2-1301	Manufacturer	Klaxon Nexus	Klaxon Nexus 110, PNC-0029 Digital 60 to	100 candela / 120 dB to 1 m.	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1251
1883	N 1883-XA-1709	XA	Miscellaneous, Alarm	ТВА	1883-25-J1-1117	17 9 Safety Alarm Light	Underground Visual and audible alarm by high levels of CO/CO2	k Shop Haulage Level - Road Trainj B 1883-70-DSH-1109	1883-70-O2-1304	Manufacturer	Klaxon Nexus	Klaxon Nexus 110, PNC-0029 Digital 60 to	100 candela / 120 dB to 1 m.	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1252
1883	N 1883-XA-1713	XA	Miscellaneous, Alarm	ТВА	1883-25-J1-1117	17 13 Safety Alarm Light	Visual and sudible clarm by high	uck Shop Haulage Level - Service Bay 1883-70-DSH-1109		Manufacturer	Klaxon Nexus		100 candela / 120 dB to 1 m.	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1254 Wiring & Connection Diagram 1883-70-
1883	N 1883-XA-1715 N 1883-XA-1717	XA	Miscellaneous, Alarm Miscellaneous, Alarm	TBA	1883-25-J1-1117 1883-25-J1-1117	17 15 Safety Alarm Light17 17 Safety Alarm Light	levels of CO/CO2 Visual and audible alarm by high	ruck Shop Haulage Level - Service Bay 1883-70-DSH-1109 1883-70-DSH-1109		Manufacturer Manufacturer	Klaxon Nexus Klaxon Nexus		100 candela / 120 dB to 1 m. 100 candela / 120 dB to 1 m.	C-004D C-004D	Certified Certified	W2-1254 Wiring & Connection Diagram 1883-70-
1883	N 1883-PI-2001	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1120	Dona de la Carta	Air Distribution Pressure to Road	1883-AP-2087-C1A-001"-NI 1883-70-DSH-1104		- Managada e	Ashcroft	1279-S-SL-02-L-XNHSG-XXX/XXX kp (#) Pressure	0 kPag	C-004D	Certified	W2-1254 A
1883	N 1883-PI-2002	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1120	20 Pressure,Indicator	derground Air Distribution Pressure to Road	1883-AP-2092-C1A-001"-NI 1883-70-DSH-1104			Ashcroft	1279-S-SL-02-L-XNHSG-XXX/XXX kp (#) Pressure	0 kPag	C-004D	Certified	А
1883	N 1883-PI-2003	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1120	20 3 Pressure,Indicator	derground Air Distribution Pressure to Service Bay 2	1883-AP-2068-C1A-001"-NI 1883-70-D5H-1104			Ashcroft	1279-S-SL-02-L-XNHSG-XXX/XXX kp (#) Pressure	0 kPag	C-004D	Certified	А
1883 1883	N 1883-PI-2004 N 1883-HS-2101A	PI HS	Pressure,Indicator Hand, Switch	Даралт, заагч ТВА	1883-25-J1-1120 1883-25-J1-1121	20 4 Pressure,Indicator 21 1 Hand, Switch	Underground Underground Air Distribution pressure to Service Bay 01 Underground Boot Wash Pump	1883-AP-2072-C1A-001"-NI 1883-70-DSH-1104	1883-70-O2-1301		Ashcroft	1279-S-SL-02-L-XNHSG-XXX/XXX kp (#) Pressure Digital	0 kPag	C-004D C-004D	Certified Certified	A A
1883 1883	N 1883-HS-2101B N 1883-HS-2101C	HS HS	Hand, Switch Hand, Switch	TBA TBA	1883-25-J1-1121 1883-25-J1-1121	21 1 Hand, Switch 21 1 Hand, Switch	Underground Boot Wash Pump Underground Boot Wash Pump		1883-70-O2-1301 1883-70-O2-1301			Digital Digital		C-004D C-004D	Certified Certified	A
1883	N 1883-HY-2101	НҮ	Hand,Compute	TBA	1883-25-J1-1121	21 1 Solenoid ,Control Valve	Underground Boot Wash Pump	1883-50-DSH-1102				Digital		C-004D	Certified	Supply with Boot Washer Pump A Wiring & Connection Diagram 1883-70- W2-1259.
1883	N 1883-LSH-2103	LSH	Level,Switch High	Түвшин, унтраалга өндөр	1883-25-J1-1121	21 3 Level,Switch High	Underground Waste Storage Tank 1883-TNK- 2004	Shop Haulage Level - Waste Storage 1883-70-DSH-1105	1883-70-O2-1306	Manufacturer	Flygt	ENM-10-5828805 Digital Level		C-004D	Certified	For More Details RJE Instrument A Equipment ,See RJE Document No 3222-
1883	N 1883-XV-2101	XV	Miscellaneous, Valve	TBA	1883-25-J1-1121	21 1 Solenoid ,Control Valve	Underground Boot Wash Pump Visual Plarm by high levels in Tank	Boot Wash 1883-50-DSH-1102					100 candela / 120 dB to 1 m.	C-004D	Certified	706-0001 A
1883	N 1883-YL-2103	YL	Event, Light	TBA	1883-25-J1-1121	21 3 Safety Alarm Light	Underground Visual alarm by high levels in Tank 1883-TNK-2004	ruck Shop Haulage Level - Toilet Tan 1883-70-DSH-1109	1883-70-O2-1306	Manufacturer	Klaxon Nexus	Klaxon Nexus 110, PNC-0034 Digital	60 to 100 candela	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1260 Wiring & Connection Diagram 1883-70-
1883	N 1883-LSH-2202	LSH	Level,Switch High	Түвшин, унтраалга өндөр	1883-25-J1-1122	22 2 Level,Switch High	Underground Oil Room 1 Sump 1883-SUM-2002	k Shop Haulage Level - Oil Room 1 S 1883-70-DSH-1105	1883-70-O2-1306	K-TEK by ABB	K-TEK	MS50.X.SS6.X.P2.F17B.HT.SF1 Digital Level		C-004D	Certified	W2-1259. For More Details RJE Instrument A
							Visual alarm by high levels in Sum									Equipment ,See RJE Document No 0000- 70-LST-1956 Wiring & Connection Diagram 1883-70-
1883	N 1883-YL-2202 N 1883-XA-2403	YL XA	Event, Light Miscellaneous, Alarm	TBA	1883-25-J1-1122	22 2 Safety Alarm Light 24 3 This solenoid valve	C not tho	k Shop Haulage Level - Oil Room 1 S 1883-70-DSH-1109 ruck Shop Haulage Level - Truck Sho 1883-70-DSH-1109		Manufacturer	Klayon Nexus	Klaxon Nexus 110, PNC-0034 Digital 60 to	60 to 100 candela 100 candela / 120 dB to 1 m.	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1260 Wiring & Connection Diagram 1883-70-
1883	N 1883-XA-2403 N 1883-XA-2404	XA	Miscellaneous, Alarm Miscellaneous, Alarm	TBA	1883-25-J1-1124 1883-25-J1-1124	²⁴ ³ This solehold valve ²⁴ ⁴ 1883-25-J1-1121 dr	deel operation received 2000	ruck Shop Haulage Level - Truck Sho 1883-70-DSH-1109 pp Haulage Level - Truck Shop - AT E 1883-70-DSH-1109		Manufacturer Manufacturer	Klaxon Nexus Klaxon Nexus		100 candela / 120 dB to 1 m. 100 candela / 120 dB to 1 m.	C-004D	Certified Certified	W2-1265 Wiring & Connection Diagram 1883-70-
1883	N 1883-XA-2405	XA	Miscellaneous, Alarm	TBA	1883-25-J1-1124	boot wash pump	Underground door operation 1883-DOO-2004 Underground Visual and audible alarm by rolling door operation 1883-DOO-2005	ruck Shop Haulage Level - Truck Sho 1883-70-DSH-1109		Manufacturer	Klaxon Nexus		100 candela / 120 dB to 1 m.	C-004D	Certified	W2-1264 Wiring & Connection Diagram 1883-70- W2-1264 A
1883	N 1883-XA-2406	XA	Miscellaneous, Alarm	TBA	1883-25-J1-1124	24 6 Saroty Aratin Light	Underground Visual and audible alarm by rolling door operation 1883-DOO-2006	ruck Shop Haulage Level - Truck Sho 1883-70-DSH-1109	1883-70-O2-1301	Manufacturer	Klaxon Nexus	Klaxon Nexus 110, PNC-0029 Digital 60 to	100 candela / 120 dB to 1 m.	C-004D	Certified	Wiring & Connection Diagram 1883-70- W2-1265
1883	N 1883-FS-2800	FS	Flow Switch	TBA	1883-25-J1-1128	28 0 Fire System, Flow Switch High	Underground Main Shop, Sprinkler System Road Train Bay 2 Main Shop, Sprinkler System Road Main Shop, Sprinkler System Road	1883-FW-26000-G2F-000 -NI 1883-40-D5H-1101		POTTER	POTTER	VSR-4 1144404 Flow	15 to 38 LPM	CW2100463	Certified	А
1883	N 1883-FS-2801	FS	Flow Switch	TBA	1883-25-J1-1128	28 1 Fire System, Flow Switch High	Underground Underground Main Shop, Sprinkler System Road Train Bay 1 Underground Main Shop, Sprinkler System	1883-FW-2628-G2F-004 -NI 1883-40-D5H-1101		POTTER	POTTER	VSR-4 1144404 Flow	15 to 38 LPM	CW2100463		A
1883	N 1883-FS-2802 N 1883-FS-2803	FS FS	Flow Switch Flow Switch	TBA TBA	1883-25-J1-1128 1883-25-J1-1128	28 2 Fire System, Flow Switch High 28 3 Fire System, Flow Switch High	Underground Service Bay Underground Main Shop, Sprinkler System	1883-FW-2645-G2F-004"-NI 1883-40-DSH-1101 1883-FW-2671-G2F-004"-NI 1883-40-DSH-1101		POTTER	POTTER	VSR-4 1144404 Flow VSR-4 1144404 Flow	15 to 38 LPM	CW2100463		Δ
1883	N 1883-PI-2802	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1128	28 2 Fire System, Pressure Gauge	Underground Crusher Concave / Mantel Shop Underground Main Shop, Sprinkler System Road Train Bay 2			- CITEN				CW2100463		A
1883	N 1883-PI-2803	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1128	28 3 Fire System, Pressure Gauge	Underground Wain Shop, Sprinkler System Road Train Bay 2 Underground Train Bay 1							CW2100463		А
1883	N 1883-PI-2804	PI	Pressure,Indicator	Даралт, заагч	1883-25-J1-1128	28 4 Fire System, Pressure Gauge	Underground Main Shop, Sprinkler System Service Bay	1883-FW-2645-G2F-004"-NI 1883-40-DSH-1101						CW2100463		А
1883 1883	N 1883-PI-2805 Y 1883-PS-2800	PI PSH	Pressure,Indicator Pressure,Switch High	Даралт, заагч Даралт, унтраалга өндөр	1883-25-J1-1128 1883-25-J1-1128	 5 Fire System, Pressure Gauge 0 Fire System, Discharge Pressure Switch 	Underground Underground Main Shop, Sprinkler System Crusher Concave / Mantel Shop Underground Main Shop, Sprinkler System	1883-FW-2671-G2F-004"-NI 1883-40-DSH-1101 1883-SKD-2001 1883-40-DSH-1101		POTTER	POTTER	PS10 -1 1340103 Pressure	4 to 8 PSI PSI	CW2100463 CW2100463	Certified Certified	Α
1883 1883	N 1883-PSV-2800 N 1883-FCV-2900	PSV FCV	Pressure Safety Valve Flow, Control Valve	TBA TBA	1883-25-J1-1128 1883-25-J1-1129	28 0 PRESSURE RELIEF VALVE 29 0 Flow, Control Valve	Underground Surface Deluge Valve Skid	1883-SKD-2001				1.1555410		CW2100320 CW2100463	Certified Certified	A
1883 1883	N 1883-FCV-2901 N 1883-FCV-2902	FCV FCV	Flow, Control Valve Flow, Control Valve	TBA TBA	1883-25-J1-1129 1883-25-J1-1129	29 1 Solenoid Valve 29 2 Flow, Control Valve Fire System, Water Inlet Hydraulically Actual	Underground Deluge Valve Skid Underground Deluge Valve Skid	1883-40-DSH-1101						CW2100463 CW2100463	Certified	A A
1883	N 1883-FCV-2903 N 1883-FCV-2904	FCV	Flow, Control Valve	TBA TBA	1883-25-J1-1129 1883-25-J1-1129	Ball Valve Foam Concentrate Outlet Hydraulically Actua	Underground Foam Deluge valve	1883-40-DSH-1101 1883-40-DSH-1101		SOLBERG SOLBERG	SOLBERG SOLBERG	30337		CW2100463	Certified Certified	A .
1883	N 1883-FCV-2905	FCV	Flow, Control Valve	TBA	1883-25-J1-1129	Ball Valve 29 5 Flow, Control Valve	Surface Deluge Valve Skid			SOUBERG	SOLBERG			CW2100463	Certified	A
1883 1883 1883	N 1883-FCV-2906 N 1883-FCV-2907 N 1883-FXV-2901	FCV FCV FXV	Flow, Control Valve Flow, Control Valve Flow,Solonoid valve	ТВА ТВА Урсгал, соленойд хаалт	1883-25-J1-1129 1883-25-J1-1129 1883-25-J1-1129	 29 6 Solenoid Valve 29 7 Flow, Control Valve 29 1 Fire Systrem, Solenoid Valve 	Underground Deluge Valve Skid Surface Deluge Valve Skid Underground Foam Deluge Valve	1883-40-DSH-1101 1883-40-DSH-1101		TYCO	TYCO	52-258-1-024	1.4 TO 12.1 BAR	CW2100463 CW2100463 CW2100463	Certified	A A Δ
1883	N 1883-FXV-2906	FXV	Flow,Solonoid valve	Урсгал, соленойд хаалт	1883-25-J1-1129	29 6 Fire Systrem, Solenoid Valve	Underground Foam Deluge Valve	1883-40-DSH-1101		TYCO	TYCO	52-258-1-024	1.4 TO 12.1 BAR	CW2100463		A

Appendix 2: Solenoid valve was marked on 1883-25-J1-1121





