PROJECT NUMBER	**ODA-GRANT001**		
P/O NUMBER	**N/A**		
CLIENT or OWNER	**SCA (SUEZ CANAL AUTHORITY)**		
SHIPYARD	**N/A**	**HULL No.**	**N/A**
AUTHORITY or CLASS	**N/A**	**IMO No.**	**N/A**

INSTRUMENT CABLE SCHEDULE & LIST FOR TRAINING CENTER

A	2026.08.05	IFA	H.B.PARK	W.W.YOON	M.K.CHO
REV	**DATE**	**ISSUE PURPOSE**	**PREPARED**	**REVIEWD**	**APPROVED**

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REVISION TABLE

Revision No.	As Is	To Be	Data	Description
A	D	A	2026.08.05	Issue For Approval

Code Abbreviation Table

As Is				To Be	
A	Authority Request	**I**	Self Improved	**A**	Added
B	By other design specification	**O/C**	Owner or Client Request/Comment	**D**	Deleted
C	Class Request / Comment	**P**	According to POS	**DC**	Designed Changed
D	Design Progress	**S**	Shipyard Request / Comment	**M**	Modified
E	Design Mistake	**Sp**	Specification	**CC**	Canceled
G	Government Request	**V**	Vendor Request / Comment	**EX**	Extra Item
Ir	Investor Request / Comment	**Etc**	Etc.	**R**	Rejected

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[INSTRUMENT CABLE SCHEDULE & LIST FOR TRAINING CENTER]

REV. No.	No.	CABLE No.	DESCRIPTION	CABLE SPECIFICAITION					SIGNAL TYPE	FROM			TO			REMARK
				TYPE	SIZE [sqmm]	No. of CORE/PAIR	O.D [mm]	LENGTH [M]		EQUIP./INST. NAME	TAG No.	LOCATION	EQUIP./INST. NAME	TAG No.	LOCATION	
A	1	TBD	Supply Instrument Air Pressure LL	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PT_1006	N2 Cylinder	Junction Box #1	JB-001	Bunkering Module	
A	2	TBD	LN2 Bunkering Tank (LTK-TK-04) Pressure HH-H-LL	TFR-CVV-AMS-I/C	1.5	1P	-	20.0	AI	Pressure Transmitter	PIT_1000	LN2 Bunkering Tank	Junction Box #1	JB-001	Bunkering Module	
A	3	TBD	LN2 Bunkering Tank (LTK-TK-04) Level HH-H-L	TFR-CVV-AMS-I/C	1.5	1P	-	20.0	AI	Level Transmitter	LIT_1000	LN2 Bunkering Tank	Junction Box #1	JB-001	Bunkering Module	
A	4	TBD	ESV-6000 Inlet Supply LN2 Pressure H-L (to LN2 Storage Tank)	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_1001	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	E&CO SCOPE
A	5	TBD	ESV-6000 Outlet Supply LN2 Pressure HH (to LN2 Storage Tank)	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_1002	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	6	TBD	ESV-6000 Outlet Supply LN2 Pressure H-L (to LN2 Storage Tank)	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_1003	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	7	TBD	ESV-6001 Inlet Vent LN2 Pressure H-L	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_1004	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	8	TBD	ESV-6001 Outlet Vent LN2 Pressure H-L	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_1005	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	9	TBD	Supply LN2 Temperature (to LN2 Storage Tank)	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Temperature Transmitter	TIT_1000	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	10	TBD	LN2 Bunkering Tank (LTK-TK-04) Vent T-PCV_5000 Command & Feedback	TFR-CVV-AMS-I/C	1.5	2P	-	10.0	AI/AO	Pressure Control Valve	T-PCV_5000MC/FB	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	11	TBD	Drip Tray Temperature LL	TFR-CVV-S	1.5	3C	-	10.0	RTD	Temperature Element	TE_1002	Drip Tray	Junction Box #1	JB-001	Bunkering Module	
A	12	TBD	Vent Line N2 Termperature	TFR-CVV-S	1.5	3C	-	10.0	RTD	Temperature Element	TE_1001	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	E&CO SCOPE
A	13	TBD	Local Emergency Push Button for LN2 Bunkering Tank Area	TFR-CVV-S	1.5	2C	-	10.0	DI	Emergency Shutdown P/B	ESD_1000	LN2 Bunkering Tank	Junction Box #1	JB-001	Bunkering Module	
A	14	TBD	Local Emergency Push Button for LN2 Bunkering Skid Area-1	TFR-CVV-S	1.5	2C	-	10.0	DI	Emergency Shutdown P/B	ESD_1001	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	15	TBD	Local Emergency Push Button for LN2 Bunkering Skid Area-2	TFR-CVV-S	1.5	2C	-	10.0	DI	Emergency Shutdown P/B	ESD_1003	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	16	TBD	T-ESV_5000 Opened/Closed	TFR-CVV-S	1.5	4C	-	20.0	DI	Limit Switch	T-ESV_5000OL/CL	LN2 Bunkering Tank	Junction Box #1	JB-001	Bunkering Module	
A	17	TBD	T-ESV_6000 Opened/Closed	TFR-CVV-S	1.5	4C	-	10.0	DI	Limit Switch	T-ESV_6000OL/CL	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	E&CO SCOPE
A	18	TBD	T-ESV_6001 Opened/Closed	TFR-CVV-S	1.5	4C	-	10.0	DI	Limit Switch	T-ESV_6001OL/CL	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	19	TBD	LN2 Bunkering Tank (LTK-TK-04) Outlet Valve T-ESV-5000 Command	TFR-CVV-S	1.5	2C	-	20.0	DO	Solenoid Valve	T-ESV_5000SV	LN2 Bunkering Tank	Junction Box #1	JB-001	Bunkering Module	
A	20	TBD	Supply LN2 Valve T-ESV Valve T-ESV-6000 Command	TFR-CVV-S	1.5	2C	-	10.0	DO	Solenoid Valve	T-ESV_6000SV	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	E&CO SCOPE
A	21	TBD	LN2 Bunkering Tank (LTK-TK-04) Vent Valve T-ESV-6001 Command	TFR-CVV-S	1.5	2C	-	10.0	DO	Solenoid Valve	T-ESV_6001SV	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	22	TBD	Gas Detection for Bunkering Station-1	TFR-CVV-S	1.5	3C	-	10.0	DI	Gas Detector	GD_0700	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	23	TBD	Gas Detection for Bunkering Station-2	TFR-CVV-S	1.5	3C	-	10.0	DI	Gas Detector	GD_0701	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	24	TBD	Fire Detection for Bunkering Station	TFR-CVV-S	1.5	4C	-	10.0	DI	Fire Detector	FD_0700	LN2 Bunkering Skid	Junction Box #1	JB-001	Bunkering Module	
A	25	TBD	Junction Box #1(Bunkering Skid) Multi-Cable (1)	TFR-CVV-AMS-I/C	1.5	15P	-	30.0	AI/AO	Junction Box #1	JB-001	Bunkering Module	PLC Control Cabinet	PCS	Training Center	
A	26	TBD	Junction Box #1(Bunkering Skid) Multi-Cable (2)	TFR-CVV-S	1.5	20C	-	30.0	DI	Junction Box #1	JB-001	Bunkering Module	Gas & Fire Detection Panel	GDM-001	Training Center	
A	27	TBD	Junction Box #1(Bunkering Skid) Multi-Cable (3)	TFR-CVV-S	1.5	30C	-	30.0	DI/DO/RTD	Junction Box #1	JB-001	Bunkering Module	PLC Control Cabinet	PCS	Training Center	
A	28	TBD	LN2 Fuel Tank (LTK-TK-01) Pressure H-L	TFR-CVV-AMS-I/C	1.5	1P	-	20.0	AI	Pressure Transmitter	PIT_2000	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	29	TBD	LN2 Fuel Tank (LTK-TK-01) Pressure HH-LL	TFR-CVV-AMS-I/C	1.5	1P	-	20.0	AI	Pressure Transmitter	PIT_2001	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	30	TBD	GAS Heater (LTK-GH-01) Outlet Pressure H-L (to Vent Mast)	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_2002	FGSS	Junction Box #2	JB-002	FGSS	E&CO SCOPE
A	31	TBD	T-PCV_1552 Control Pressure H-L	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_2004	FGSS	Junction Box #2	JB-002	FGSS	
A	32	TBD	T-MGV_1553 Control Pressure HH-LL	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PT_2005	FGSS	Junction Box #2	JB-002	FGSS	
A	33	TBD	G.W Return Pressure H-L	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_2006	FGSS	Junction Box #2	JB-002	FGSS	
A	34	TBD	N2 Buffer Tank (LTK-TK-02) Pressure H-L	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PT_2003	FGSS	Junction Box #2	JB-002	FGSS	
A	35	TBD	Supply Instrument Air Pressure LL	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PT_2007	FGSS	Junction Box #2	JB-002	FGSS	
A	36	TBD	LN2 Fuel Tank (LTK-TK-01) Level H-L	TFR-CVV-AMS-I/C	1.5	1P	-	20.0	AI	Level Transmitter	LIT_2001	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	37	TBD	LN2 Fuel Tank (LTK-TK-01) Level HH-LL	TFR-CVV-AMS-I/C	1.5	1P	-	20.0	AI	Level Transmitter	LIT_2000	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	38	TBD	T-PCV_1554 Control Temperature HH-LL	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Temperature Transmitter	TIT_2004	FGSS	Junction Box #2	JB-002	FGSS	E&CO SCOPE
A	39	TBD	G.W Return Temperature	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Temperature Transmitter	TIT_2005	FGSS	Junction Box #2	JB-002	FGSS	
A	40	TBD	LN2 Fuel Tank (LTK-TK-01) Inlet Top Filling T-PCV_1550 Command & Feedback	TFR-CVV-AMS-I/C	1.5	2P	-	20.0	AI/AO	Pressure Control Valve	T-PCV_1550MC/FB	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	41	TBD	LN2 Fuel Tank (LTK-TK-01) Inlet Bottom Filling T-PCV_1551 Command & Feedb	TFR-CVV-AMS-I/C	1.5	2P	-	20.0	AI/AO	Pressure Control Valve	T-PCV_1551MC/FB	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	42	TBD	LN2 Fuel Tank (LTK-TK-01) Outlet T-PCV_1552 Command & Feedback	TFR-CVV-AMS-I/C	1.5	2P	-	20.0	AI/AO	Pressure Control Valve	T-PCV_1552MC/FB	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	43	TBD	GAS Heater Outlet Mast Gas Valve T-MGV_1553 Command & Feedback	TFR-CVV-AMS-I/C	1.5	2P	-	10.0	AI/AO	Pressure Control Valve	T-MGV_1553MC/FB	FGSS	Junction Box #2	JB-002	FGSS	E&CO SCOPE
A	44	TBD	No.1/No.2 G.W Electric Heater Outlet T-PCV_1554 Command & Feedback	TFR-CVV-AMS-I/C	1.5	2P	-	10.0	AI/AO	Pressure Control Valve	T-PCV_1554MC/FB	FGSS	Junction Box #2	JB-002	FGSS	

[INSTRUMENT CABLE SCHEDULE & LIST FOR TRAINING CENTER]

REV. No.	No.	CABLE No.	DESCRIPTION	CABLE SPECIFICAITION					SIGNAL TYPE	FROM			TO			REMARK
				TYPE	SIZE [sqmm]	No. of CORE/PAIR	O.D [mm]	LENGTH [M]		EQUIP./INST. NAME	TAG No.	LOCATION	EQUIP./INST. NAME	TAG No.	LOCATION	
A	45	TBD	LN2 Fuel Tank (LTK-TK-01) Top Temperature	TFR-CVV-S	1.5	3C	-	20.0	RTD	Temperature Element	TE_2001	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	46	TBD	LN2 Fuel Tank (LTK-TK-01) Bottom Temperature	TFR-CVV-S	1.5	3C	-	20.0	RTD	Temperature Element	TE_2000	LN2 Tank	Junction Box #2	JB-002	FGSS	
A	47	TBD	LN2 Vaporizer (LTK-VP-01) Oulet Temperature (to Gas heater)	TFR-CVV-S	1.5	3C	-	10.0	RTD	Temperature Element	TE_2002	FGSS	Junction Box #2	JB-002	FGSS	E&CO SCOPE
A	48	TBD	GAS Heater (LTK-GH-01) Oulet Temperature H-L (to Vent Mast)	TFR-CVV-S	1.5	3C	-	10.0	RTD	Temperature Element	TE_2003	FGSS	Junction Box #2	JB-002	FGSS	
A	49	TBD	Junction Box #2(FGSS) Multi-Cable (1)	TFR-CVV-AMS-I/C	1.5	15P	-	40.0	AI/AO	Junction Box #2	JB-002	FGSS	PLC Control Cabinet	PCS	Training Center	
A	50	TBD	Junction Box #2(FGSS) Multi-Cable (2)	TFR-CVV-AMS-I/C	1.5	15P	-	40.0	AI/AO	Junction Box #2	JB-002	FGSS	PLC Control Cabinet	PCS	Training Center	
A	51	TBD	Junction Box #2(FGSS) Multi-Cable (3)	TFR-CVV-S	1.5	15C	-	40.0	RTD	Junction Box #2	JB-002	FGSS	PLC Control Cabinet	PCS	Training Center	
A	52	TBD	G.W Expansion Tank Level H	TFR-CVV-S	1.5	2C	-	10.0	DI	Level Sensor	LS_2000	FGSS	Junction Box #3	JB-003	FGSS	E&CO SCOPE
A	53	TBD	G.W Expansion Tank Level LL	TFR-CVV-S	1.5	2C	-	10.0	DI	Level Sensor	LS_2001	FGSS	Junction Box #3	JB-003	FGSS	
A	54	TBD	Local Emergency Push Button	TFR-CVV-S	1.5	2C	-	10.0	DI	Emergency Shutdown P/B	ESD_2001	FGSS	Junction Box #3	JB-003	FGSS	
A	55	TBD	Local Process Shutdown Push Button	TFR-CVV-S	1.5	2C	-	10.0	DI	Emergency Shutdown P/B	PSD_2000	FGSS	Junction Box #3	JB-003	FGSS	
A	56	TBD	T-XV_1502 Opened/Closed	TFR-CVV-S	1.5	4C	-	10.0	DI	Limit Switch	T-XV_1502OL/CL	FGSS	Junction Box #3	JB-003	FGSS	E&CO SCOPE
A	57	TBD	T-XV_1503 Opened/Closed	TFR-CVV-S	1.5	4C	-	10.0	DI	Limit Switch	T-XV_1503OL/CL	FGSS	Junction Box #3	JB-003	FGSS	
A	58	TBD	T-XV_1504 Opened/Closed	TFR-CVV-S	1.5	4C	-	10.0	DI	Limit Switch	T-XV_1504OL/CL	FGSS	Junction Box #3	JB-003	FGSS	
A	59	TBD	T-XV_1505 Opened/Closed	TFR-CVV-S	1.5	4C	-	10.0	DI	Limit Switch	T-XV_1505OL/CL	FGSS	Junction Box #3	JB-003	FGSS	
A	60	TBD	T-XV_1506 Opened/Closed	TFR-CVV-S	1.5	4C	-	10.0	DI	Limit Switch	T-XV_1506OL/CL	FGSS	Junction Box #3	JB-003	FGSS	
A	61	TBD	MGV_1553 Opened/Closed	TFR-CVV-S	1.5	4C	-	10.0	DI	Limit Switch	MGV_1533OL/CL	FGSS	Junction Box #3	JB-003	FGSS	
A	62	TBD	LN2 Fuel Tank (LTK-TK-01) Vent Valve T-XV-1502 Command	TFR-CVV-S	1.5	2C	-	10.0	DO	Solenoid Valve	T-XV_1502SV	FGSS	Junction Box #3	JB-003	FGSS	
A	63	TBD	GAS Heater (LTK-GH-01) Inlet Valve T-XV-1503 Command	TFR-CVV-S	1.5	2C	-	10.0	DO	Solenoid Valve	T-XV_1503SV	FGSS	Junction Box #3	JB-003	FGSS	
A	64	TBD	LN2 Vaporizer (LTK-VP-01) Inlet Valve T-XV-1504 Command	TFR-CVV-S	1.5	2C	-	10.0	DO	Solenoid Valve	T-XV_1504SV	FGSS	Junction Box #3	JB-003	FGSS	
A	65	TBD	N2 Purge Valve T-XV-1505 Command	TFR-CVV-S	1.5	2C	-	10.0	DO	Solenoid Valve	T-XV_1505SV	FGSS	Junction Box #3	JB-003	FGSS	
A	66	TBD	N2 Buffer Tank (LTK-TK-02) Valve T-XV-1506 Command	TFR-CVV-S	1.5	2C	-	10.0	DO	Solenoid Valve	T-XV_1506SV	FGSS	Junction Box #3	JB-003	FGSS	
A	67	TBD	GAS Heater Outlet Mast Gas Valve T-MGV-1553 Command	TFR-CVV-S	1.5	2C	-	10.0	DO	Solenoid Valve	T-MGV_1553SV	FGSS	Junction Box #3	JB-003	FGSS	
A	68	TBD	Gas Detection for TCS-1	TFR-CVV-S	1.5	3C	-	10.0	DI	Gas Detector	GD_0702	LN2 Tank	Junction Box #3	JB-003	FGSS	
A	69	TBD	Gas Detection for TCS-2	TFR-CVV-S	1.5	3C	-	10.0	DI	Gas Detector	GD_0703	LN2 Tank	Junction Box #3	JB-003	FGSS	
A	70	TBD	Gas Detection for TCS-3	TFR-CVV-S	1.5	3C	-	10.0	DI	Gas Detector	GD_0704	LN2 Tank	Junction Box #3	JB-003	FGSS	
A	71	TBD	Gas Detection for E/R Ventilation Fan (Spare)	TFR-CVV-S	1.5	3C	-	10.0	DI	Gas Detector	GD_0705	FGSS	Junction Box #3	JB-003	FGSS	
A	72	TBD	Gas Detection for G.W Expansion Tank (Spare)	TFR-CVV-S	1.5	3C	-	10.0	DI	Gas Detector	GD_0706	FGSS	Junction Box #3	JB-003	FGSS	
A	73	TBD	Gas Detection for GRU Extraction Fan Duct (Spare)	TFR-CVV-S	1.5	3C	-	10.0	DI	Gas Detector	GD_0707	FGSS	Junction Box #3	JB-003	FGSS	
A	74	TBD	Fire Detection for TCS-1	TFR-CVV-S	1.5	4C	-	10.0	DI	Fire Detector	FD_0701	LN2 Tank	Junction Box #3	JB-003	FGSS	
A	75	TBD	Fire Detection for TCS-2	TFR-CVV-S	1.5	4C	-	10.0	DI	Fire Detector	FD_0702	LN2 Tank	Junction Box #3	JB-003	FGSS	
A	76	TBD	Junction Box #3(FGSS) Multi-Cable (1)	TFR-CVV-S	1.5	30C	-	40.0	DI/RTD	Junction Box #3	JB-003	FGSS	PLC Control Cabinet	PCS	Training Center	
A	77	TBD	Junction Box #3(FGSS) Multi-Cable (2)	TFR-CVV-S	1.5	30C	-	40.0	DI/RTD	Junction Box #3	JB-003	FGSS	PLC Control Cabinet	PCS	Training Center	
A	78	TBD	Junction Box #3(FGSS) Multi-Cable (3)	TFR-CVV-S	1.5	15C	-	40.0	DO	Junction Box #3	JB-003	FGSS	PLC Control Cabinet	PCS	Training Center	
A	79	TBD	Junction Box #3(FGSS) Multi-Cable (4)	TFR-CVV-S	1.5	20C	-	40.0	DI	Junction Box #3	JB-003	FGSS	Gas & Fire Detection Panel	GDM-001	Training Center	
A	80	TBD	No.1 G.W Circ. Pump (GWS-PP-01) Suction Pressure	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_3001	G.W System	Junction Box #4	JB-004	G.W System	
A	81	TBD	No.2 G.W Circ. Pump (GWS-PP-02) Suction Pressure	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_3002	G.W System	Junction Box #4	JB-004	G.W System	
A	82	TBD	No.1/No.2 G.W Circ. Pump Discharge Pressure HH-LL	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_3003	G.W System	Junction Box #4	JB-004	G.W System	
A	83	TBD	No.1/No.2 G.W Electric Heater Inlet Pressure H-L	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Pressure Transmitter	PIT_3000	G.W System	Junction Box #4	JB-004	G.W System	E&CO SCOPE
A	84	TBD	Return G.W Temperature H-L (form FGSS)	TFR-CVV-AMS-I/C	1.5	1P	-	10.0	AI	Temperature Transmitter	TIT_3000	G.W System	Junction Box #4	JB-004	G.W System	
A	85	TBD	No.1/No.2 G.W Electric Heater Oulet Temperature H-L	TFR-CVV-S	1.5	3C	-	10.0	RTD	Temperature Element	TE_3002A/B	G.W System	Junction Box #4	JB-004	G.W System	
A	86	TBD	G.W Supply Temperature HH-LL	TFR-CVV-S	1.5	3C	-	10.0	RTD	Temperature Element	TE_3001	G.W System	Junction Box #4	JB-004	G.W System	
A	87	TBD	Local Process Shutdown Button	TFR-CVV-S	1.5	2C	-	10.0	DI	Emergency Shutdown P/B	PSD_3000	G.W System	Junction Box #4	JB-004	G.W System	
A	88	TBD	Junction Box #4(G.W System) Multi-Cable (1)	TFR-CVV-AMS-I/C	1.5	10P	-	40.0	AI	Junction Box #4	JB-004	G.W System	PLC Control Cabinet	PCS	Training Center	

[INSTRUMENT CABLE SCHEDULE & LIST FOR TRAINING CENTER]

REV. No.	No.	CABLE No.	DESCRIPTION	CABLE SPECIFICAITION					SIGNAL TYPE	FROM			TO			REMARK
				TYPE	SIZE [sqmm]	No. of CORE/PAIR	O.D [mm]	LENGTH [M]		EQUIP./INST. NAME	TAG No.	LOCATION	EQUIP./INST. NAME	TAG No.	LOCATION	
A	89	TBD	Junction Box #4(G.W System) Multi-Cable (2)	TFR-CVV-S	1.5	15C	-	40.0	DI/RTD	Junction Box #4	JB-004	G.W System	PLC Control Cabinet	PCS	Training Center	
A	90	TBD	TE_1000 -> TIT_1000 Cable	TFR-CVV-S	1.5	3C	-	5.0	RTD	Temperature Element	TE_1000	LN2 Bunkering Skid	Temperature Transmitter	TIT_1000	LN2 Bunkering Skid	
A	91	TBD	TE_2004-> TIT_2004 Cable	TFR-CVV-S	1.5	3C	-	5.0	RTD	Temperature Element	TE_2004	FGSS	Temperature Transmitter	TIT_2004	FGSS	
A	92	TBD	TE_2005 -> TIT_2005 Cable	TFR-CVV-S	1.5	3C	-	5.0	RTD	Temperature Element	TE_2005	FGSS	Temperature Transmitter	TIT_2005	FGSS	
A	93	TBD	TE_3000 -> TIT_3000 Cable	TFR-CVV-S	1.5	3C	-	5.0	RTD	Temperature Element	TE_3000	G.W System	Temperature Transmitter	TIT_3000	G.W System	
A	94	TBD	G.W Pump Starter Panel Multi-Cable	TFR-CVV-S	1.5	30C	-	20.0	DI/DO	G.W Pump Starter Panel	-	Training Center	PLC Control Cabinet	PCS	Training Center	
A	95	TBD	G.W Electrical Control Panel Multi-Cable	TFR-CVV-S	1.5	30C	-	20.0	DI/DO	G.W Electrical Heater	-	Training Center	PLC Control Cabinet	PCS	Training Center	
A	96	TBD	Gas & Fire Detection Panel Multi-Cable (1)	TFR-CVV-S	1.5	20C	-	20.0	DO	Gas & Fire Detection Panel	GDM-0001	Training Center	PLC Control Cabinet	PCS	Training Center	
A	96	TBD	Gas & Fire Detection Panel Multi-Cable (2)	TFR-CVV-S	1.5	20C	-	20.0	DO	Gas & Fire Detection Panel	GDM-0001	Training Center	PLC Control Cabinet	PCS	Training Center	