

CONTROL CABLE SCHEDULE

CABLE NUMBER	CABLE TYPE	CABLE ROUTING	ORIGIN	DESTINATION	DESCRIPTION	REMARKS
W -C0010	50 C #14 AWG Teck		Phosphorous Removal System Marshalling Panel	Dewatering Building Control Room PCU 26 Termination Cabinet	Ferric chloride storage area Discrete Control & Status	
W -C0011	50 C #14 AWG Teck		Phosphorous Removal System Marshalling Panel	Dewatering Building Control Room PCU 26 Termination Cabinet	Ferric chloride storage area Discrete Control & Status	
W -C0012	50 C #14 AWG Teck		Phosphorous Removal System Marshalling Panel	Dewatering Building Control Room PCU 26 Termination Cabinet	Ferric chloride storage area Discrete Control & Status	
W -C0020	20 Pr #16 AWG TPSH		Phosphorous Removal System Marshalling Panel	Dewatering Building Control Room PCU 26 Termination Cabinet	Ferric chloride storage area Analog Control & Status	
W -C0030	3 Pr #16 AWG TPSH		Ferric storage tank Railcar Unloading Panel	Phosphorous Removal System Marshalling Panel	Ferric storage tank Railcar Unloading Panel Analog Displays	ILD-02, ILD-04, ILD-08
W -C0031	10 C #14 AWG Teck		Ferric storage tank Railcar Unloading Panel	Phosphorous Removal System Marshalling Panel	Ferric storage tank Railcar Unloading Panel Discrete Control & Status	ILD-04, ILD-05
W -C0032	10 C #14 AWG Teck		Ferric storage tank Railcar Unloading Panel	Phosphorous Removal System Marshalling Panel	Ferric storage tank Railcar Unloading Panel Discrete Control & Status	ILD-04, ILD-05
W -C0040	3 Pr #16 AWG TPSH		Ferric storage tank Truck Unloading Panel	Phosphorous Removal System Marshalling Panel	Ferric storage tank Truck Unloading Panel Analog Displays	ILD-02, ILD-08,ILD-13
W -C0041	10 C #14 AWG Teck		Ferric storage tank Truck Unloading Panel	Phosphorous Removal System Marshalling Panel	Ferric storage tank Truck Unloading Panel Discrete Control & Status	ILD-13
W -C0050	10 C #14 AWG Teck		Make up air unit W795 Local Control Panel	Phosphorous Removal System Marshalling Panel	Ferric Storage HVAC Status	ILD-09
W -C0051	10 C #14 AWG Teck		Make up air unit W795 Local Control Panel	Phosphorous Removal System Marshalling Panel	Ferric Storage HVAC Status	ILD-09
W -C0060	10 C #14 AWG Teck		Make up air unit W790 Local Control Panel	Phosphorous Removal System Marshalling Panel	Ferric Unloading HVAC Status	ILD-09
W -C0070	1 - RG-59 Coaxial		Ferric Chloride Storage area CCTV Camera Junction Box	Ferric Chloride Storage area CCTV Junction Box	Ferric Chloride Storage area CCTV Camera	ILD-12
W -C0071	4 - RG-59 Coaxial		Ferric Chloride Storage area CCTV Junction Box	Dewatering Building Control Room	Ferric Chloride Storage area CCTV Camera	ILD-12
W695-C1	2 C #14 AWG Teck		Ferric unloading air supply High pressure switch	Phosphorous Removal System Marshalling Panel	Ferric unloading air supply High pressure switch Status	ILD-05
W695-C2	2 C #14 AWG Teck		Ferric unloading air supply valve	Ferric storage tank Railcar Unloading Panel	Ferric unloading air supply valve Control	ILD-04, ILD-05
W695-C3	1 Pr #16 AWG TPSH		Ferric unloading air supply Pressure Transmitter	Phosphorous Removal System Marshalling Panel	Ferric unloading air supply Pressure Transmitter Status	ILD-07
W696-C1	2 C #14 AWG Teck		Ferric Unloading Emergency Shutdown Pushbutton	Phosphorous Removal System Marshalling Panel	Ferric storage & Unloading Emergency Shutdown	ILD-04, ILD-05
W696-C2	2 C #14 AWG Teck		Ferric storage Emergency Shutdown Pushbutton	Ferric storage tank Railcar Unloading Panel	Ferric storage & Unloading Emergency Shutdown	ILD-05
W700-C1	4 C #14 AWG Teck		Ferric Chloride area Fire alarm panel	Phosphorous Removal System Marshalling Panel	Ferric Chloride area Fire alarm panel Status	ILD-11
W701-C1	1 Pr #16 AWG TPSH		Ferric unloading flow Transmitter	Phosphorous Removal System Marshalling Panel	Ferric unloading flow Transmitter Status	ILD-08
W701-C2	4 C #14 AWG Teck		Ferric unloading flow Transmitter	Phosphorous Removal System Marshalling Panel	Ferric unloading flow Transmitter Status & Power	ILD-08
W702-C1	4 C #14 AWG Teck		Ferric unloading emergency shower/eyewash Flow Switch	Phosphorous Removal System Marshalling Panel	Ferric unloading emergency shower/eyewash Flow Switch Status & Power	ILD-06
W702-C2	4 C #14 AWG Teck		Ferric storage emergency shower/eyewash Flow Switch	Phosphorous Removal System Marshalling Panel	Ferric storage emergency shower/eyewash Flow Switch Status & Power	ILD-06
W703-C1	4 C #14 AWG Teck		Rail car shelter east motion sensor	Rail car shelter west motion sensor	Rail car shelter motion sensor status & power	ILD-10
W703-C2	4 C #14 AWG Teck		Rail car shelter west motion sensor	Phosphorous Removal System Marshalling Panel	Rail car shelter motion sensor status & power	ILD-10

CONTROL CABLE SCHEDULE

CABLE NUMBER	CABLE TYPE	CABLE ROUTING	ORIGIN	DESTINATION	DESCRIPTION	REMARKS
W703-C3	2 C #14 AWG Teck		Rail car shelter east door switch	Phosphorous Removal System Marshalling Panel	Rail car shelter east door switch Status	ILD-10
W703-C4	2 C #14 AWG Teck		Rail car shelter west door switch	Phosphorous Removal System Marshalling Panel	Rail car shelter west door switch Status	ILD-10
W704-C1	4 C #14 AWG Teck		Ferric chloride storage area motion sensor	Phosphorous Removal System Marshalling Panel	Ferric chloride storage area motion sensor Status & Power	ILD-10
W704-C2	2 C #14 AWG Teck		Ferric chloride storage area door switch	Phosphorous Removal System Marshalling Panel	Ferric chloride storage area door switch Status	ILD-10
W705-C1	10 C #14 AWG Teck		Ferric storage tank #710 supply valve	Phosphorous Removal System Marshalling Panel	Ferric storage tank #710 supply valve Control & Status	ILD-01
W706-C1	10 C #14 AWG Teck		Ferric storage tank #720 supply valve	Phosphorous Removal System Marshalling Panel	Ferric storage tank #720 supply valve Control & Status	ILD-01
W710-C1	1 Pr #16 AWG TPSH		Ferric storage tank #710 Ultrasonic level transmitter	Phosphorous Removal System Marshalling Panel	Ferric storage tank #710 Ultrasonic level transmitter Status	ILD-02
W710-C2	4 C #14 AWG Teck		Ferric storage tank #710 Ultrasonic level transmitter	Phosphorous Removal System Marshalling Panel	Ferric storage tank #710 Ultrasonic level transmitter Status & Power	ILD-02
W710-C3	1 Pr #16 AWG TPSH		Ferric storage tank #710 Submersible level transmitter	Phosphorous Removal System Marshalling Panel	Ferric storage tank #710 Submersible level transmitter Status	ILD-07
W715-C1	10 C #14 AWG Teck		Ferric storage tank #710 discharge valve	Phosphorous Removal System Marshalling Panel	Ferric storage tank #710 discharge valve Control & Status	ILD-01
W720-C1	1 Pr #16 AWG TPSH		Ferric storage tank #720 Ultrasonic level transmitter	Phosphorous Removal System Marshalling Panel	Ferric storage tank #720 Ultrasonic level transmitter Status	ILD-02
W720-C2	4 C #14 AWG Teck		Ferric storage tank #720 Ultrasonic level transmitter	Phosphorous Removal System Marshalling Panel	Ferric storage tank #720 Ultrasonic level transmitter Status & Power	ILD-02
W720-C3	1 Pr #16 AWG TPSH		Ferric storage tank #720 Submersible level transmitter	Phosphorous Removal System Marshalling Panel	Ferric storage tank #720 Submersible level transmitter Status	ILD-07
W725-C1	10 C #14 AWG Teck		Ferric storage tank #720 discharge valve	Phosphorous Removal System Marshalling Panel	Ferric storage tank #720 discharge valve Control & Status	ILD-01
W731-C1	2 C #14 AWG Teck		Spill containment sump Level Switch	Phosphorous Removal System Marshalling Panel	Spill containment sump Level Switch Status	ILD-06
W740-C1	2 Pr #16 AWG TPSH		Ferric dosing pump #740 drive	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #740 drive Control & Status	ILD-03
W740-C2	10 C #14 AWG Teck		Ferric dosing pump #740 drive	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #740 drive Control & Status	ILD-03
W740-C3	2 C #14 AWG Teck		Ferric dosing pump #740 discharge Pressure Switch	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #740 discharge Pressure Switch Status	ILD-06
W740-C4	1 Pr #16 AWG TPSH		Ferric dosing pump #740 flow Transmitter	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #740 flow Transmitter Status	ILD-14
W740-C5	4 C #14 AWG Teck		Ferric dosing pump #740 flow Transmitter	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #740 flow Transmitter Status & Power	ILD-14
W750-C1	2 Pr #16 AWG TPSH		Ferric dosing pump #750 drive	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #750 drive Control & Status	ILD-03
W750-C2	10 C #14 AWG Teck		Ferric dosing pump #750 drive	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #750 drive Control & Status	ILD-03
W750-C3	2 C #14 AWG Teck		Ferric dosing pump #750 discharge Pressure Switch	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #750 discharge Pressure Switch Status	ILD-06
W750-C4	1 Pr #16 AWG TPSH		Ferric dosing pump #750 flow Transmitter	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #750 flow Transmitter Status	ILD-14
W750-C5	4 C #14 AWG Teck		Ferric dosing pump #750 flow Transmitter	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #750 flow Transmitter Status & Power	ILD-14
W760-C1	2 Pr #16 AWG TPSH		Ferric dosing pump #760 drive	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #760 drive Control & Status	ILD-03
W760-C2	10 C #14 AWG Teck		Ferric dosing pump #760 drive	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #760 drive Control & Status	ILD-03

CONTROL CABLE SCHEDULE

CABLE NUMBER	CABLE TYPE	CABLE ROUTING	ORIGIN	DESTINATION	DESCRIPTION	REMARKS
W760-C3	2 C #14 AWG Teck		Ferric dosing pump #760 discharge Pressure Switch	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #760 discharge Pressure Switch Status	ILD-06
W760-C4	1 Pr #16 AWG TPSH		Ferric dosing pump #760 flow Transmitter	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #760 flow Transmitter Status	ILD-14
W760-C5	4 C #14 AWG Teck		Ferric dosing pump #760 flow Transmitter	Phosphorous Removal System Marshalling Panel	Ferric dosing pump #760 flow Transmitter Status & Power	ILD-14
W790-C1	1 Pr #16 AWG TPSH		Ferric chloride rail shelter Temperature Transmitter	Phosphorous Removal System Marshalling Panel	Ferric chloride rail shelter Temperature Transmitter Status	ILD-07
W795-C1	1 Pr #16 AWG TPSH		Ferric chloride storage area Temperature Transmitter	Phosphorous Removal System Marshalling Panel	Ferric chloride storage area Temperature Transmitter Status	ILD-07