

PROJECT: R.069549.001	<b>Edmonton Maximum Security Institution Pumphouse - Flowmeter and Diesel Storage Tank Replacement</b>	Form: 1	No.:
		1 of 3	
<b>COMMISSIONING FORM</b>			

<b>DIESEL DAY TANK</b>
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<b>IDENTIFICATION</b>	Equipment Tag:	Serial Number:
	Location:	
	Model Number:	Contractor:
	Type:	Manufacturer:
	System Description: Safe container for flammable fluids (diesel), used as primary diesel source.	

<input type="checkbox"/> Manufacturer reports	<input type="checkbox"/> Performance included	<input type="checkbox"/> Manuals included
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<b>INSTALLATION CHECK LIST</b>			
ITEM	YES	NO	COMMENTS
Cabinet and General Installation			
Emergency Vent Cap			
Fuel Day Tank Control, Alarm, and Status Display			
Fuel Containment			
Connexions Types and Sizes			
Communication with (Building Automation System)			

\*Attach the contractor installation check list.

### FUNCTIONAL TESTING RECORD

FUNCTION / MODE	TEST METHOD: MANUAL, AUTOMATIC, EITHER OR BOTH	REQUIRED SEASONAL TEST Y OR N
Start-up test switch shall test contacts for high, low, critical low, ECM (Energy Control Manager) functional, and containment switch to assure wiring of remote contacts is correct.		
Control of Redundant Pump Operation		
Signal from an Electrical Analog Float Sensor		
Fuel Level Alarms		
Warning and Shutdown Conditions		

Name of Technician:	Date :
Approved by: (Commissioning Authority)	Date :

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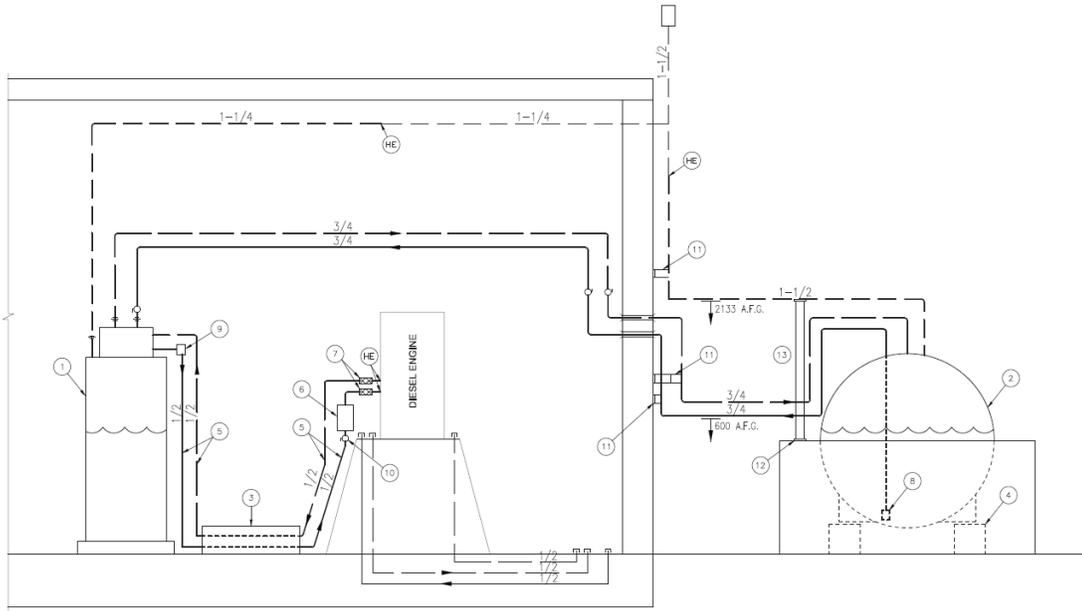
FUNCTION / MODE	TEST METHOD: MANUAL, AUTOMATIC, EITHER OR BOTH	REQUIRED SEASONAL TEST Y OR N
Fuel Level Display: .1 Full - 100% Green LED indicator. .2 95% - Green LED indicator. .3 85% - Green LED indicator. .4 75% - Yellow LED indicator. .5 50% - Yellow LED indicator. .6 25% - Yellow LED indicator. .7 10% - Yellow LED indicator. .8 Empty - 6% - Red LED indicator.		
Alarm Display: .1 High Fuel - 106% or greater of capacity. .2 Low Fuel - 62% of capacity. .3 Critical Low Fuel - 6% of capacity. .4 Fuel within containment. .5 ECM functional - Tank fault.		
Function Display: .1 Power on: This button activates the ECM after the "Off" button has been depressed. On any initial power up condition, after a power outage, the ECM shall be in an on condition. .2 Pump running: For redundant pump operation fuel pump control panel shall indicate Pump A or Pump B running.		
<b>Functional Test:</b> (Diesel control manager) test the sequence of operation (preprogrammed)		

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**DIESEL DAY TANK**

**Pumphouse Layout (Diesel Fuel Diagram)**



MEMORANDUM (Deficiencies, repair work, sound, and maintenance)	STATUS
	<input type="checkbox"/> Compliance
	<input type="checkbox"/> Requires Additional Checking
	<input type="checkbox"/> To be Completed
	<input type="checkbox"/> Out of Service
	<input type="checkbox"/> Non Compliance

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Approved by: (Commissioning Authority)	Date :