

Installation Worksheet

General

This document is to be used to gather necessary information regarding the equipment and operation of a facility so that the **Quest Controls TELSEC™** can be successfully installed and programmed. Attached any drawings and/or pictures that would be helpful in developing the control and monitoring for this site.

Type of RT: CEV ___ HUT ___ CEC ___ WIC ___ Cabinet ___ Other ___

Site Name: _____ Survey Date: _____

Location: _____

Surveyed by: _____ Contact Number: _____

Environmental Controls:

The Environmental Control section of this survey should be filed out by the mechanical contractor or building technician responsible for this facility.

Mechanical _____ Electronic (DDC) _____ Other _____

Describe control panel, manufacturer, condition etc.: _____

Is there a Vent Fan in this facility? Y/N _____

Is the vent fan separate from the air conditioning and heating units? Y/N _____

Control Voltage _____ Control Vent Fan By: _____

Is There A Motorized Outside Air Damper For Ventilation? Y/N _____

Is There An End Switch On The Damper To Prove It Is Open? Y/N _____

Control Voltage _____ Control Damper By: _____

Air Conditioning Stages: _____ Control Voltage _____

Control AC 1 By: _____ Control AC 2 By: _____

Additional information: _____

Heating Stages: _____ Control Voltage _____

Control Heat 1 By: _____ Control Heat 2 By: _____

Additional information: _____

Dehumidifier? Y/N ___ Control Voltage _____ Control Dehumidifier By: _____

Installation Worksheet

Audible Alarm? Y/N _____ Control Voltage _____ Control Audible Alarm By: _____

Red/Green Warning Lights? Y/N _____ Control Voltage _____

Control Green Light By: _____ Control Red Light By: _____

Is the green light in series with hatch switch? _____

Can both lights be controlled with one output? _____

Describe Current Operating Sequence: _____

Sump Pump? Y/N _____ Control Voltage _____ Control Pump By _____

Is Voltage Present On Floats? Y/N _____

Can floats be separated to provide dry contact closures? Y/N _____

Interior Lights: Describe Current Control sequence: _____

Control Voltage _____ Control Lights By: _____

Emergency Lights? Y/N _____ Control Voltage _____ Control Lights By _____

Additional Comments For Environmental Control: _____

Installation Worksheet

Environmental Alarms

The TELSEC™ replaces existing monitoring and alarm transport systems.

Identify all environmental alarm points that are in the facility.

Alarm Name	Terminal location		Normally Open (NO)	Voltage normal*		Voltage Alarm*	
	Tip	Ring	Normally Closed(NC)	Tip	Ring	Tip	Ring
Commercial Power							
Smoke							
Fire Detector Fail							
Vent Fan Fail							
Intrusion							
Explosive Gas							
Toxic Gas							
High Water							

*Provide voltage if contact will be a wet contact when connected to the TELSEC otherwise write DRY.

Installation Worksheet

Telephony Alarms:

Identify all alarms to be monitored such as Muxes, Kentrox, DDM1000, DDM2000, Litespan, Fuse Alarms, Circuit Breakers, Rectifiers etc.

Alarm Name	Terminal location		Normally Open (NO)	Voltage normal*		Voltage Alarm*	
	Tip	Ring	Normally Closed(NC)	Tip	Ring	Tip	Ring

*Provide voltage if contact will be a wet contact when connected to the TELSEC otherwise write DRY.

Additional Comments: _____

Installation Worksheet

Battery Monitoring

This section is for sites that will require additional battery monitoring than what is provided by monitoring the float voltage. Note the TELSEC™ will monitor bulk power and provide time remaining/capacity information from the incoming power connection to the panel.

Typical Float Voltage: _____

Bulk or Distributed Power? _____ If Distributed, # of Bays _____

Will Jars Be Monitored For Voltage? Y/N _____

Number of Battery Strings: _____ Number of Jars Per String: _____

Will Batteries Be Monitored For Thermal Protection? Y/N _____

Number of Strings For Temperature Monitoring? _____

Additional Comments: _____

Access Control:

Will Site Use: Keypad/Card Access: _____ Card Access: _____ None: _____

Describe Door and Locking Mechanism: _____

Installation Worksheet

Generator Monitoring: Y/N _____

Identify all alarms to be monitored on the generators such as generator fail, enable/disable, transfer switch, running, fuel tank levels, fuel tank leakage, etc..

Alarm Name	Terminal location		Digital or Analog	Input Signal Range (or NO/NC for digital)

Remote Generator Start? Y/N ____ If Yes, what is tie in point? _____

Remote Transfer Switch? Y/N ____ If Yes, what is tie in point? _____

Provide any additional pertinent information on generator: _____

Installation Worksheet

Tower Light Monitoring: Y/N _____

Identify all tower light points to be alarmed.

Alarm Name	Terminal location		Input Signal (NO/NC)
Strobe			
Beacon			
Side			

Additional information: _____

Cable Pressure & Air Flow Monitoring: Y/N _____

How many pressure sensors/transducers? _____

How many flow sensors/transducers? _____

What type of sensors/what outputs? 4-20mA _____ Resistance _____ Other _____

Subscriber or Dedicated pairs? _____

Additional information: _____

TELSEC™ Installation Worksheet
Schedule of Inputs and Outputs

Site Name:	Revision Date:
-------------------	-----------------------

Digital Outputs					
#	Output Name	Connect To:	#	Output Name	Connect To:
1			9		
2			10		
3			11		
4			12		
5			13		
6			14		
7			15		
8			16		

UNIVERSAL INPUTS					
#	Input Name	Sensor Type	#	Input Name	Sensor Type
1	CEV TEMPERATURE	TEMP °F	17		
2	CEV HUMIDITY	%RH	18		
3	DC POWER PLANT VOLTAGE	VDC power to unit	19		
4			20		
5			21		
6			22		
7			23		
8			24		
9			25		
10			26		
11			27		
12			28		
13			29		
14			30		
15			31		
16			32		