

CALIBRATION SUMMARY

The purpose of this Form is to provide sufficient information so that a determination can be made of the range over which the calibration process achieves the required accuracy for each of the Systems listed at the bottom of this form.

SYSTEM NAME: _____

- Using the Table below, list all instruments and data acquisition devices in the System.

Instrument/Device	Description	Manufacturer's Stated Accuracy

- What is the intended range- of-use for the System? (Upper – Lower): _____ - _____
- Was the System calibrated as a whole, or were each instruments/devices calibrated individually? (Check)
 - Whole System _____ (if checked, complete the Whole System Calibration Points section, below)
 - Individual Components _____ (if checked, complete the Individual Components section, below)

- Whole System Calibration Points:** List the values (temp, pressure, mA, etc) at which calibration was conducted.

	Reference Standard	As Found	As Calibrated
Point #1			
Point #2			
Point #3			
Point #4			
Point #__			
Point #__			
Point #__			
Point #__			

- Does the System meet the required accuracy over the intended range-of-use? (Check)

YES: _____

NO: _____

- Describe the method of analysis used to make the determination of System accuracy:

- Individual Component Calibration Points:** For each Instrument/Device listed in the Table above, list the values (temp, pressure, mA, etc) at which calibration was conducted (add additional sheets as necessary)

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Instrument/Device: _____			
	<u>Reference Standard</u>	<u>As Found</u>	<u>As Calibrated</u>
Point #1			
Point #2			
Point #3			
Point #4			
Point # _____			
Point # _____			
Point # _____			
Point # _____			

Instrument/Device: _____			
	<u>Reference Standard</u>	<u>As Found</u>	<u>As Calibrated</u>
Point #1			
Point #2			
Point #3			
Point #4			
Point # _____			
Point # _____			
Point # _____			
Point # _____			

Instrument/Device: _____			
	<u>Reference Standard</u>	<u>As Found</u>	<u>As Calibrated</u>
Point #1			
Point #2			
Point #3			
Point #4			
Point # _____			
Point # _____			
Point # _____			
Point # _____			

- Does the System meet the required accuracy over the intended range-of-use? (Check)

YES: _____

NO: _____

- Describe the method of analysis used to make the determination of System accuracy:

- Include most recent Calibration Reports and/or Certificates as an attachment to this form

Complete a separate calibration summary for each of the following systems:

- SYSTEM 1: REFRIGERANT LIQUID PRESSURE - ENTERING EXPANSION VALVE, INSTRUMENT SET #1
- SYSTEM 2: REFRIGERANT LIQUID/VAPOR PRESSURE – LEAVING EVAPORATOR, INSTRUMENT SET #2
- SYSTEM 3: REFRIGERANT LIQUID/VAPOR PRESSURE – INSIDE LIQUID/VAPOR SEPARATOR, INSTRUMENT SET #3
- SYSTEM 4: REFRIGERANT PRESSURE – ENTERING CONDENSER CALORIMETER, INSTRUMENT SET #4
- SYSTEM 5: REFRIGERANT LIQUID PRESSURE - ENTERING CONDENSATE PUMP, INSTRUMENT SET #5
- SYSTEM 6: REFRIGERANT LIQUID PRESSURE - LEAVING CONDENSATE PUMP, INSTRUMENT SET #6
- SYSTEM 7: REFRIGERANT LIQUID PRESSURE - ENTERING RECIRCULATION PUMP, INSTRUMENT SET #7
- SYSTEM 8: REFRIGERANT LIQUID PRESSURE - LEAVING RECIRCULATION PUMP, INSTRUMENT SET #8
- SYSTEM 9: FLUID PRESSURE – ENTERING CONDENSER CALORIMETER, INSTRUMENT SET #9
- SYSTEM 10: FLUID PRESSURE – LEAVING CONDENSER CALORIMETER, INSTRUMENT SET #10
- SYSTEM 11: REFRIGERANT LIQUID TEMPERATURE - ENTERING EXPANSION VALVE, INSTRUMENT SET #11
- SYSTEM 12: REFRIGERANT LIQUID/VAPOR TEMPERATURE – LEAVING EVAPORATOR, INSTRUMENT SET #12
- SYSTEM 13: REFRIGERANT TEMPERATURE – ENTERING CONDENSER CALORIMETER, INSTRUMENT SET #13
- SYSTEM 14: REFRIGERANT LIQUID TEMPERATURE - ENTERING CONDENSATE PUMP, INSTRUMENT SET #14
- SYSTEM 15: REFRIGERANT LIQUID TEMPERATURE - LEAVING CONDENSATE PUMP, INSTRUMENT SET #15
- SYSTEM 16: REFRIGERANT LIQUID TEMPERATURE - ENTERING RECIRCULATION PUMP, INSTRUMENT SET #16
- SYSTEM 17: REFRIGERANT LIQUID TEMPERATURE - LEAVING RECIRCULATION PUMP, INSTRUMENT SET #17
- SYSTEM 18: FLUID TEMPERATURE – ENTERING CONDENSER CALORIMETER, INSTRUMENT SET #18
- SYSTEM 19: FLUID TEMPERATURE – LEAVING CONDENSER CALORIMETER, INSTRUMENT SET #19
- SYSTEM 20: REFRIGERANT TEMPERATURE – LOCAL PIPE, INSTRUMENT SET #20
- SYSTEM 21: FLUID MASS FLOW RATE – ENTERING CONDENSER CALORIMETER, INSTRUMENT SET #21
- SYSTEM 22: REFRIGERANT LIQUID MASS FLOW RATE – LEAVING CONDENSER CALORIMETER, INSTRUMENT SET #22
- SYSTEM 23: REFRIGERANT LIQUID MASS FLOW RATE – ENTERING EXPANSION VALVE, INSTRUMENT SET #23
- SYSTEM 24: FAN SPEED – INSTRUMENT SET #24
- SYSTEM 25: BAROMETRIC PRESSURE – INSTRUMENT SET #25
- SYSTEM 26: AIR INLET RELATIVE HUMIDITY (as required) – INSTRUMENT SET #26
- SYSTEM 27: LOCAL PIPE AMBIENT TEMPERATURE – INSTRUMENT SET #27
- SYSTEM 28: CONDENSER CALORIMETER AMBIENT TEMPERATURE – INSTRUMENT SET #28
- SYSTEM 29: LIQUID/VAPOR SEPARATOR AMBIENT TEMPERATURE – INSTRUMENT SET #29
- SYSTEM 30: DRY-BULB TEMPERATURE of AIR AT INLET – INSTRUMENT SET #30
- SYSTEM 31: DEW POINT of AIR AT INLET – INSTRUMENT SET #31
- SYSTEM 32: WET-BULB TEMPERATURE of AIR AT INLET – INSTRUMENT SET #32
- SYSTEM 33: ELECTRICAL POWER, INSTRUMENT SET #33