

Test Report



Required Operational Inspections

Job Number _____

DATE _____ **Signature** _____

YRS EQUIPMENT NUMBER & DESCRIPTION _____

Run Time (Each Circuit) (1.) _____ **(2.)** _____ **(3.)** _____ **(4.)** _____

Chill water temperature IN _____ OUT _____

Condensor water temperature IN _____ OUT _____

Flow Switch *Functional* (Differential Switch) _____

Water strainer condition (Clean ?) _____

Fluid used (water) _____ (glycol) _____ (%) _____ Freeze point _____

Evaporator gallons per minute _____ Condensor gallons per minute _____

Pressure drop across barrel (during test) _____

Ambient Temperature: Dry Bulb _____ Wet Bulb _____ Relative Humidity _____ %

Return air temperature _____ Supply air temperature _____

Air Temperature *Delta* (at full load) _____ Chilled water test *Delta* _____

All condensor fans operational? _____ (fan guards OK) _____

Circuit# _____ Sight glass clear? _____ Percent capacity during test _____

SUCTION PRESS. a. _____ SAT TEMP b. _____ TEMP. c. _____

SUCTION SUPERHEAT _____ (c-b) _____

DISCHARGE PRESS. a. _____ SAT TEMP. b. _____ TEMP. c _____

DISCHARGE SUPERHEAT _____ (c-b) _____

LIQUID LINE PRESS a. _____ SAT TEMP. b. _____ TEMP c. _____

SUBCOOLING _____ (c-b) _____

COMPRESSOR AMPS (during test) _____

FAN AMPS ("stages on" during test) _____

Circuit# _____ Sight glass clear? _____ Percent capacity during test _____

SUCTION PRESS. a. _____ SAT TEMP b. _____ TEMP. c. _____

SUCTION SUPERHEAT _____ (c-b) _____

DISCHARGE PRESS. a. _____ SAT TEMP. b. _____ TEMP. c _____

DISCHARGE SUPERHEAT _____ (c-b) _____

LIQUID LINE PRESS a. _____ SAT TEMP. b. _____ TEMP c. _____

SUBCOOLING _____ (c-b) _____

COMPRESSOR AMPS (during test) _____

FAN AMPS ("stages on" during test) _____

Circuit# _____ Sight glass clear? _____ Percent capacity during test _____

SUCTION PRESS. a. _____ SAT TEMP b. _____ TEMP. c. _____

SUCTION SUPERHEAT _____ (c-b) _____

DISCHARGE PRESS. a. _____ SAT TEMP. b. _____ TEMP. c _____

DISCHARGE SUPERHEAT _____ (c-b) _____

LIQUID LINE PRESS a. _____ SAT TEMP. b. _____ TEMP c. _____

SUBCOOLING _____ (c-b) _____

COMPRESSOR AMPS (during test) _____

FAN AMPS ("stages on" during test) _____