



Project Name: _____
Project Address: _____

Contractor: _____

ASP Technician: _____

Chiller-Heater Model #: _____
Chiller-Heater Serial #: _____

Date of Service: _____
(Fill out as completely as possible. Please write legibly.)

Type of Service:

- Start-Up
- Seasonal Changeover
- Preventive Maintenance
- Service Call

Machine Vacuum Condition:

Amount of Non-Condensables Removed: _____
Hydrogen Present in the Removed Gas? _____
Inhibitor Added? _____
Level of Vacuum (mmHg/torr): _____

ACT-3 Input Readings:

FS1 _____
CVRC _____
CVRH _____
ESC1 _____
ESH1 _____
ESON _____
ESOF _____
IRS _____
P1D _____
C1R _____
H1R _____
THR1 _____

ACT-3 Output Readings:

SV2 _____ P1 _____
SV9 _____ P2 _____
SV1 _____ CHSTN _____
LOW _____ SRC _____
CVR _____ SRH _____
HIGH _____ CHM _____
RCM _____ SPON _____
RPCH _____ SPER _____
CHD _____
SIG14 _____
SIG15 _____
SIG16 _____

ACT-3 Temperature Readings:

LT _____
CND _____
WTI _____
WTO _____
CTI _____
CTO _____
IF1 _____
IF2 _____
GP _____
WHT _____
TC _____
TH _____

Water Circuits:

Pressure Drops

Flow Rates

Water Pressure

	Specified	Actual	Specified	Actual	at Inlet (85# max)
Chilled/Hot Water:	_____ 80-120%	_____	_____	_____	_____
Cooling Water:	_____ 100-120%	_____	_____	_____	_____
Heat Medium Water:	_____ 30-120%	_____	_____	_____	_____

Solution Pump:

Volts (to G)

Amps

MegOhm

General Electrical

L1	_____	_____	_____	_____ Breaker/Fuse Size
L2 (high leg)	_____	_____	_____	_____ Wire Size
L3	_____	_____	_____	_____ SP Rotation Checked

Electrical Connections Made in Junction Box:

- P – CM1 (Chilled/Hot Water Pump Motor Dry Contacts)
- CP – CM1 (Cooling Water Pump Motor Dry Contacts)
- CTF – CM1 (Cooling Tower Fan Dry Contacts)
- P3A – CM1 (Heat Medium Signal, NO Dry Contacts)
- P3B – CM1 (Heat Medium Signal, NC Dry Contacts)
- S11 – S12 (Heat Medium Pump Dry Contacts)

- 3 – CM2 (Chilled/Hot Water Pump Overloads, Powered Contacts)
- 4 – CM2 (Cooling Water Pump Overloads, Powered Contacts)
- 5 – CM2 (Cooling Tower Fan Overloads, Powered Contacts)
- 6 – CM2 (Heat Medium Pump Overloads, Powered Contacts)

Dip Switch Positions:

DS1: _____
 DS2: _____ } on CPU Board
 DS3: _____

DP1-1: _____
 DP1-3: _____ } on I/O Board
 DP1-6: _____
 DP1-7: _____
 DP1-8: _____

General

- Water Loops Flushed & Stabilized
- Machine Level
- Minimum Clearances Maintained
- Water Piping to Machine Correct per Manual
- Proper Piping Balance Practices Followed
- All Pumps Operating Properly
- Changeover Valve Installed (if applicable)
- Balance Valves Installed
- Isolation Valves Installed
- Drain Valves Installed
- Check Valves Installed
- Chemical Treatment Provisions in Place