



Camus Pre-Start Up Checklist

Date: _____

☐ Full Start up

☐ Partial Start up

☐ All Boilers Qty: _____

☐ Number of Boilers to be started: Qty: _____

Enter Service Clearances below: (Check IOM for minimum required clearances)

Boiler #	1	2	3	4	5	6	7	8	9	10
Top										
Left										
Right										
Front										
Back										

Negative Pressure Venting:

☐ Cat I

- ☐ Non Condensing
- ☐ Dedicated vent
- ☐ Combined Vent
- ☐ Barometric Damper Qty. _____
- ☐ Horizontal piping pitched away from boiler

☐ Cat II

- ☐ Condensing
- ☐ Dedicated vent
- ☐ Combined Vent
- ☐ Barometric Damper Qty. _____
- ☐ Horizontal piping pitched away from boiler
- ☐ Condensate piping installed at boiler
- ☐ Condensate piping installed at Vent Drain T

Positive Pressure Venting:

☐ Cat III

- ☐ Non Condensing
- ☐ Dedicated vent
- ☐ Horizontal piping pitched away from boiler

☐ Cat IV

- ☐ Condensing
- ☐ Dedicated vent
- ☐ Horizontal piping pitched away from boiler
- ☐ Condensate piping installed at boiler
- ☐ Condensate piping installed at Vent Drain T

Automated Draft System:

☐ No ☐ Yes Qty. _____

Manufacturer: _____

Contact Email _____ Cell _____

- ☐ Control panel installed and wired
- ☐ Required sensors, switches and relays installed and wired
- ☐ Induced Draft Motor installed and wired
- ☐ Draft system online and in service
- ☐ Joint start up required with ADS vendor

Boiler Make Up Air:

☐ No ☐ Yes

☐ Make-up Air Fan

☐ MUA supplies room ☐ MUA supplies boilers ☐ Sail Switch Installed

☐ Make-up Air Damper Installed

☐ Whisker Switch Installed

Boiler Interlock Wiring Checklist:

☐ All Boilers

☐ Partial Start up , Boiler Number _____

☐ Is flow switch installed and wired at outlet of boiler?

☐ Is low water cutoff installed and wired at highest point of heat exchanger?

☐ Is spill/sail switch installed and wired?

Natural Gas:

- ☐ Gas meter installed and in service
- ☐ Gas booster? ☐ No ☐ Yes ☐ Installed and in service ☐ Installed and in service
- ☐ Standing Gas pressure within boiler nameplate parameters
- ☐ Gas lock up style regulators installed properly Qty. _____
- ☐ Shipping vent plug removed from diaphragm

Propane:

- ☐ Standing Gas pressure within boiler nameplate parameters
- ☐ Propane conversion completed

System Piping:

- ☐ Primary Only
 - ☐ Automatic valve installed & wired at each boiler
 - ☐ Main hot water pumps online & in service
- ☐ Primary/Secondary
 - ☐ Boiler pump installed & wired at each boiler (inlet) ☐ Yes ☐ No
 - ☐ Automatic valve installed & wired at each boiler outlet
- ☐ Relief valves match system pressures
- ☐ System pressurized to 30psi min.
- ☐ Boilers filled with water, purged, ready for service

Boiler Controls:

- ☐ Stand alone
 - ☐ Outside Air Reset
 - ☐ OA sensor wired & installed to sola
- ☐ Cascade without BMS
 - ☐ Boiler interconnect wiring correct and complete (Cascade terminals)
 - ☐ Boiler system sensor installed on common hot water supply header (Sys/ODT Terminal)
 - ☐ System sensor wired to master boiler sensor terminals
 - ☐ Outside Air Reset
 - ☐ OA sensor wired & installed to slave 1
- ☐ Cascading with BMS System (Multiple visits required)
 - ☐ Joint start up required Contact Email _____ Cell _____
 - ☐ Protonode installed and wired properly
 - ☐ MSTP (2 wire, shielded) ☐ IP (Cat 5, 6) ☐ Connected
 - ☐ All field server (protonode) setup completed by BMS contractor
 - ☐ Boiler interconnect wiring correct and complete (BMS Cascade terminals)
 - ☐ Boiler system sensor installed on common hot water supply header (Sys/ODT Terminal)
 - ☐ System sensor wired to master boiler sensor terminals
 - ☐ Outside Air Reset
 - ☐ OA sensor wired & installed to slave 1

Contact and verification:

START UP SERVICES CAN ONLY BE PERFORMED WHEN:

- 1) Start up form is filled out in its entirety
- 2) Start up form returned 7 days prior to requested start up date

Company name: _____

Approving Form Completion Information

Name: _____ Signed: _____

On site point of contact:

Name: _____ Cell: _____

Email: _____

Start up date requested: _____