

KD NAVIEN Boiler Start-up Sheet

Job Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Installing Company: _____
 Installer Name: _____
 Phone Number: _____

Model: _____
 Serial Number: _____
 BTU Input (BTU/HR): _____
 Start-up Date: _____
 Installer's Signature: _____
 Start-up Approved By: _____

Type of Project: New Construction Retrofit/Replacement
Fuel: Natural Gas (NG) Propane (LP)

Was boiler converted to propane? Yes No

High Altitude <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, High Altitude (ft.)
High Altitude Kit Installed <input type="checkbox"/> Yes <input type="checkbox"/> No	Dip Switch Set <input type="checkbox"/> Yes <input type="checkbox"/> No
Glycol <input type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, Glycol Concentration (%)

Electrical System

Supply Voltage (VAC)
 Boiler Full Load Amp

Installed Boiler Clearances

Front:	Rear:
Left Side:	Right Side:
Top:	Bottom:

Venting System

Intake Air Total Length	Pipe Dia. (in.)	Material (ABS, PCV/CPVC/Galv./PP/SS)
Exhaust Air Total Length	Pipe Dia. (in.)	Material (PCV/CPVC/PP/SS)
Common Vent System	(Y/N)	If yes, number of boilers

Note: For installation in Canada, field-supplied plastic vent piping must comply with CAN/CGA B149.1 (latest edition) and be certified to the Standard for Type BH Gas Venting Systems, ULC-S636.

- Vertical Direct Vent - two pipes with vertical terminations
 Is Concentric Vertical Venting Used? Yes No
- Horizontal Direct Vent – two pipes with sidewall terminations
 Is Concentric Sidewall Venting Used? Yes No
- Vertical Direct Vent with Sidewall Combustion Air – single pipe vertical termination and single pipe horizontal combustion air
- Vertical Non-Direct Vent w/ Room Combustion Air Supply – single pipe vertical termination with Room Air for combustion

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Gas Supply

Gas Pipe Dia. (in.)
 Static Pressure (W.C.)

Dynamic Pressure (W.C.)
 Low Fire Offset Pressure (W.C.)

Is there inlet gas lockup regulator upstream from supply? Yes No

If yes, how many feet upstream from the boiler? _____

Is gas pipe, regulator and meter sized properly for the required BTU/HR? Yes No

Combustion Settings

CO₂ High Fire (%)
 CO High Fire (PPM)
 O₂ High Fire (%)

CO₂ Low Fire (%)
 CO Low Fire (PPM)
 O₂ Low Fire (%)

Ambient combustion air temperature during calibration (°F) _____

Piping System

Number of zones
 Zone valves (Y/N)
 Zone pumps (Y/N/)

Supply Dia. (in.)
 Return Dia. (in.)
 Condensate Dia. (in.)

Controls Settings

Temp. Control Set Point (°F)	<input type="text"/>	Freeze Protection Temp. (°F)	<input type="text"/>
Supply Water Temperature (°F)	<input type="text"/>	Return Water Temp. (°F)	<input type="text"/>
Cascading (Y/N)	<input type="text"/>	# of Cascaded Boilers	<input type="text"/>
Warm Weather Shutdown (WWSD) (Y/)?	<input type="text"/>	WWSD Temp (°F)	<input type="text"/>
Outdoor Temp Sensor (Y/N)?	<input type="text"/>	OAT (F)	<input type="text"/>

If external control, type and model _____

Building Automation System (BAS) protocol (check one) Modbus BACnet LonWorks

Gateway Model Number _____ and Serial Number _____

Send completed start-up form
 to Navien via mail, email or fax

Mail: 20 Goodyear, Irvine, CA 92618
 Email:
 Fax:

For technical support contact

Phone: 800-519-8794

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Notes/Photos: