

Heating system optimization offer  
(boiler tune-up scope/checklist)



Participant information

Participant legal name (Company legal name)

Facility address

Street address

Town/city

Province

Postal code

Email

Phone number

Tune-up date (YYYY/MM/DD)

Contractor/qualified technician information

Business name

Address

Town/city

Province  
BC

Postal code

Contractor/technician name

Email

Phone number

Technical Safety BC license number

Equipment information

| Boiler Model | Equipment efficiency | Boiler operating pressure | Post tune-up efficiency | Input capacity (MBH) | Number of Units | Previous tune-up date (YYYY/MM/DD) | Is this the primary boiler? |                          |
|--------------|----------------------|---------------------------|-------------------------|----------------------|-----------------|------------------------------------|-----------------------------|--------------------------|
|              |                      |                           |                         |                      |                 |                                    | Yes                         | No                       |
|              |                      |                           |                         |                      |                 |                                    | <input type="checkbox"/>    | <input type="checkbox"/> |
|              |                      |                           |                         |                      |                 |                                    | <input type="checkbox"/>    | <input type="checkbox"/> |
|              |                      |                           |                         |                      |                 |                                    | <input type="checkbox"/>    | <input type="checkbox"/> |
|              |                      |                           |                         |                      |                 |                                    | <input type="checkbox"/>    | <input type="checkbox"/> |

To qualify for this measure the participant must complete the tune-up requirements by a qualified technician as specified below:

|  |   |
|--|---|
| <input type="checkbox"/> Adjust airflow and reduce excessive stack temperatures  | <input type="checkbox"/> Clean plugs in control piping. *   |
| <input type="checkbox"/> Adjust burner and gas input, manual or motorized draft control  | <input type="checkbox"/> Complete visual inspection of system piping and insulation   |
| <input type="checkbox"/> Check adequacy of combustion air intake   | <input type="checkbox"/> Inspect all refractories. Patch and wash coat as required. *   |
| <input type="checkbox"/> Clean air damper and blower assembly.   | <input type="checkbox"/> Inspect gaskets on front and rear doors and replace as necessary. *                                    |
| <input type="checkbox"/> Check all hand hole plates and manhole plates for leaks at normal operating temperatures and pressures. | <input type="checkbox"/> Make necessary adjustments to burner for proper combustion.  |
| <input type="checkbox"/> Check for proper venting  | <input type="checkbox"/> Measure combustion efficiency using an electronic flue gas analyzer                                    |
| <input type="checkbox"/> Check pilot electrode and adjust or replace.  | <input type="checkbox"/> Open feedwater tank manway, inspect and clean as required. Replace manway plate with new gasket. *     |
| <input type="checkbox"/> Check safety controls   | <input type="checkbox"/> Perform all flame safeguard and safety trip checks.  |
| <input type="checkbox"/> Clean burner and burner pilot.  | <input type="checkbox"/> Remove all hand hole and manhole plates. Flush boiler with water to remove loose scale and sediment. * |
| <input type="checkbox"/> Clean fireside surfaces   | <input type="checkbox"/> Replace all hand hole and manhole plates with new gaskets. *   |
| <input type="checkbox"/> Clean low and auxiliary low water cut-off controls, then re-install using new gaskets. *                | <input type="checkbox"/> Seal and close front and rear doors properly. *  |
| <input type="checkbox"/> Clean motor starter contacts and check operation. *   | <input type="checkbox"/> Troubleshoot any boiler system problems as requested by on-site personnel                              |

Note: Tune-up activities marked with an asterisk (\*) are eligible to be performed by internal maintenance staff at periods of boiler shutdown.

Contractor/technician declaration

By signing this form, I declare that I have completed the listed above tune-up requirements for this measure.

Name

Title

Signature (Authorized representative)\*

Date (YYYY/MM/DD)\*

Please submit your signed form with your application online or to [BusinessRebates@fortisbc.com](mailto:BusinessRebates@fortisbc.com).

Note: If you cannot email your application documents, please contact the Conservation and Energy Management group at 1-866-884-8833 to arrange an alternate method of delivery.

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