

**Table 3.2. Data to be Recorded During Testing**

|   |   | Required Data Recording       |                | For Use in Calculations (Section 3.4), As Applicable |                            |                          |
|---|---|-------------------------------|----------------|--|----------------------------|--------------------------|
| Item Recorded   |   | Digital Acquisition Required? | Every 1 Minute | Every 15 Minutes                                     | Average During Test Period | Total During Test Period |
| Time, minutes/seconds   |   | Yes                           | X              |  |                            |                          |
| Flue Gas Temperature, °F  |   | Yes                           | X              |  | X                          |                          |
| Pressure in Firebox, in H <sub>2</sub> O (if required per Section C3.4 of ANSI/AHRI Standard 1500-2015) |   | No                            |                | X  | X                          |                          |
| Flue Gas Smoke Spot Reading (oil)   |   | No                            |                | X  | X                          |                          |
| Room Air Temperature  |   | Yes                           | X              |  | X                          |                          |
| Fuel Weight or Volume, lb (oil) or ft <sup>3</sup> (gas)  |   | Yes                           |                | X  |                            | X                        |
| Test Air Temperature, °F  |   | Yes                           | X              |  | X                          |                          |
| Draft in Vent, in H <sub>2</sub> O (oil and non-atmospheric gas)  |   | No                            |                | X  | X                          |                          |
| Flue Gas CO <sub>2</sub> or O <sub>2</sub> , %  |   | No                            |                | X  | X                          |                          |
| Flue Gas CO, ppm  |   | No                            |                | At Least Start and End                               | X                          |                          |
| Relative Humidity, %  |   | No                            |                | X  | X                          |                          |
| STEAM   | Separator water weight, lb  | No                            |                | At Least Start and End                               |                            | X                        |
|   | Steam Pressure, in Hg   | No                            |                | X  | X                          |                          |
|   | Steam Temperature, °F (if used)   | Yes                           | X              |  | X                          |                          |
|   | Condensate collected, or water fed, lb  | No                            |                | X  |                            | X                        |
| WATER   | Outlet Water Temperature, °F  | Yes                           | X              |  | X                          |                          |
|   | Water fed, lb   | No                            |                | X  |                            | X                        |
|   | Inlet Water Temperature at Points A and B of Figure 9 of ANSI/AHRI Standard 1500-2015 as applicable, °F | Yes                           | X              |  | X                          |                          |