



Department of Safety and  
Professional Services,  
Division of Industry Services

**ASME- Section I Power Boilers Checklist Tag # B \_\_\_\_\_**

Owner: \_\_\_\_\_ User: \_\_\_\_\_  
 PO/Street: \_\_\_\_\_ Street: \_\_\_\_\_  
 City: \_\_\_\_\_ St: \_\_\_\_\_ Zip: \_\_\_\_\_ City: \_\_\_\_\_ St: \_\_\_\_\_ Zip: \_\_\_\_\_

| Boiler attributes                |   | Code Section                   | Item Description                         | X                   |
|----------------------------------|---|--------------------------------|--|---------------------|
| <b>TYPE</b>                      | FT__WT__CI__EB__Other__                 | SPS 341.46(2) & Sect I PG 60   | <b>STOP VALVES &amp; EXTERNAL PIPING</b> |                     |
| <b>USE</b>                       | HWH__PRO__StmHT__PWR__HtHW__OTH__       | B31.1~122~105~106~107~108      | 1. PRESSURE TEMPERATURE RATED            |                     |
| <b>MFGR</b>                      |   | PG112.2.5                      | 2. P-4A FORM (WELDED PIPING)             |                     |
| <b>ID</b>                        | NB: SERIAL:                             | PG112.2.5                      | 3. P-4B FORM (THRD PIPING)               |                     |
| <b>YEAR</b>                      |   | PG 58.3.2                      | 4. <u>≥</u> TWO BOILERS w/MANHOLE        |                     |
| <b>CAPACITY</b>                  | Lbs/Hr: Ht Surf:                        | “                              | a. TWO VALVES- STEAM STOPS               |                     |
| <b>FIRING</b>                    | Hand: __Auto: __Stkr: __Oth: __         | “                              | b. FREE BLOW DRAIN BETWEEN               |                     |
| <b>FUEL</b>                      | Ng__Oil__Elec__Wood__Coal__LP__Blk Lq__ | B31.1~107                      | c. RISING STEM or OS & Y                 |                     |
| <b>MAWP</b>                      |   | PG 104 & 109                   | d. PP STAMPING or MDR INCLUSION          |                     |
| <b>SRV</b>                       | Set: Capacity:                          | PG 58.3.1                      | 5. SINGLE BOILER INSTALLATION            |                     |
| Internal__Hydro__PSI__Sum Code__ |   | “                              | a. ONE STEAM SUPPLY VALVE                |                     |
| <b>Code Section</b>              | <b>Item Description</b>                 | X                              | “  | b. ONE RETURN VALVE |
| SPS 341.41                       | SBD-6314 SUBMITTED                      |                                | <b>FEED WATER CONNECTION</b>             |                     |
| SPS 341.42                       | ASME NAMEPLATE-NB REG.                  | PG 58.3.3 & 58.3.4             | 1. STOP VALVE / CHECK VALVE              |                     |
| PG 106 107 108                   |   |                                | 2. BACK-FLO PREVENTER                    |                     |
| SPS 341.10 / 341.42              | <b>SAFETY VALVE</b>                     | PG 61.1                        | 3. TWO FEED SOURCES                      |                     |
| ASME PG 110                      | 1. “V” / “VR” NAMEPLATE w/SEAL          | PG59.2                         | 4. ACCEPTABLE INTRO. TO BOILER           |                     |
| PG 67.1                          | 2. SET PRESSURE                         |                                | <b>BLOW DOWN AND DRAINS</b>              |                     |
| PG 67.2.1                        | 3. CAPACITY                             | B31.1~122                      | 1. PRESSURE TEMP RATED MTRLS             |                     |
| PG 71.2                          | 4. VERTICALLY MOUNTED                   | PG 59.4~31.1~/B31.1-122.1.7(c) | 2. SIZED PROPERLY (QUICK / SLOW)         |                     |
| PG 71.3                          | 5. DISCHARGE PIPING / DRAINAGE          | SPS 341                        | <b>BLOWOFFS TANKS OR SEPERATORS</b>      |                     |
| PG 67.1                          | 6. TWO VALVES, IF > 500 SQ FT HS        | SPS 341.31(1)                  | 1. BLOW DOWN TANK                        |                     |
| SPS 41.10 / 341.42               | <b>STEAM PRESSURE GAGE</b>              | SPS 341.31(4)                  | 2. GENERAL REQUIREMENTS                  |                     |
| ASME PG 60.6                     | 1. SIPHON                               | SPS 341.31(1)a                 | 3. TEMPERATURE (T=160 F MAX)             |                     |
| “                                | 2. GRADUATED 1 1/2 TO 2 X SET P.        | SPS 341.31(1)b                 | 4. PRESSURE (P=5 PSI MAX)                |                     |
| SPS 341.10/ 341.42               | <b>WATER LEVEL INDICATOR -COLUMN</b>    | SPS 341.31(5)                  | 5. a. FULL SIZE VENTING                  |                     |
| ASME PG 60.1.1                   | 1. ONE GAGE GLASS, (2) IF > 400 PSI     | SPS 341.35(5)                  | b. TERMINATE AT SAFE LOCATION            |                     |
| PG 60.3.6                        | 2. INSPECTION CROSSES / PLUGS           | ASME Sect I                    | <b>INSPECTION OPENINGS</b>               |                     |
| PG 60.1.6 & 60.3.4               | 3. SIZE WATER COLUMN PIPING             | PG 44.1                        | 1. MANHOLE                               |                     |
| PG60.1.6 & 60.2.3                | 4. DRAINS                               | PG 44.1                        | 2. HANDHOLE                              |                     |
| SPS 341.29                       | <b>PRESSURE CONTROLS (2 REQUIRED)</b>   | SPS 341.17(1)                  | <b>INTERNAL INSPECTION</b>               |                     |
| (2) a                            | 1. HIGH LIMIT                           | SPS1.37(1)(2)                  | 1. FIRE SIDE- SOOT, LEAKS, INSUL.        |                     |
| “                                | 2. OPERATING LIMIT                      | “                              | 2. WATER SIDE-SCALE, PITTING             |                     |
| “                                | 3. SEPARATE CONNECTIONS                 | “                              | 3. TUBES, KNUCKLES, STAYS, TS            |                     |
| SPS 341.30                       | <b>LOW WATER CUT-OFF</b>                | “                              | 4. MAN & HANDHOLES, CORROSION            |                     |
| 341.30(1)a and b                 | 1. PIPING AT PROPER LEVEL               |                                | <b>MISCELLANEOUS</b>                     |                     |

|                          |                                    |               |   |
|--------------------------|------------------------------------|---------------|---|
| 341.30(2)                | 2. DRAINAGE / TESTING              | SPS 341.28(3) | 1. FOUNDATION / SETTINGS                                  |
| 341.30(2)                | 3. TEST-SATISFACTORY OPERATION     | “             | 2. MAINTENACE   |
| 341.30(1) c              | 4. FUSIBLE PLUG                    | “             | 3. REMOTE CONTROLS  |
| Comm 341.16 (2) & 341.46 | <b>NON-EXTERNAL POWER PIPING</b>   | “             | 4. BURNER & FUEL PIPING                                   |
| 341.16(2)c               | 1. INSPECTION NOTIFICATION         | “             | 5. BREECHING / EXHAUST VENTING                            |
| 341.16(2)e               | 2. SHOP FABRICATED PIPING          | “             | 6. COMBUSTION AIR   |
| 341.16 (2)d              | 3. SBD-5204 ON SITE & PREFAB DOCS’ | 341.37(3)     | MODIFICATION OF BOILER BURNER ASSEMBLY REPORT ON SBD-6314 |
| 341.46(1)                | 4. Sect IX WPS ~ PQR ~ WPQ & Cont. | 341.38(3)     | FUEL CONVERSIONS REPORTED ON SBD-6314                     |
| 341.46(1)                | Material & Design per B31.1        | 341.38(4)     | CHANGE IN BURNER “HEAT INPUT” REPORTED ON FORM SBD-6314   |

High Pressure Boiler Checklist (R-04-13)