## **BOILER ROOM LOG Process Steam Boilers**

| Maintenance, Testing and Inspection Log                         |                            |                                  |        |        | Building: |       |     |      |       |      |      |   |                          |       |       |                                     |                       | Month: |    |    |  |  | Year: |  |    |  |                 |    |    |    |    |
|---|----------------------------|----------------------------------|--------|--------|-----------|-------|-----|------|-------|------|------|---|--------------------------|-------|-------|-------------------------------------|-----------------------|--------|----|----|--|--|-------|--|----|--|-----------------|----|----|----|----|
| Address:  |                            |                                  |        |        |           |       |     |      |       |      |      | Fuel Type:                                    |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
| Person(s) to be Notified in Emergency (Name and Teleph one No.) |                            |                                  |        |        |           |       |     |      |       |      |      |   | Boiler No.:              |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
| DAILY CHECKS  |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
|   | 1                          |                                  |        |        |           |       |     |      |       |      |      | 24 25 26 27                                   |                          |       |       | 28                                  | 20                    | 30     | 31 |    |  |  |       |  |    |  |                 |    |    |    |    |
| a) Observe operating pressure                                   |                            |                                  |        |        | J         | Ŭ     | •   | Ŭ    | J     | 10   |      | 12  | 10                       |       | 10    |                                     | .,                    | 10     | 10 | 20 |  |  | 20    |  | 20 |  |                 | 20 | 25 | 00 | Ü1 |
| b) Observe water level  |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | igstyle igstyle |    |    |    |    |
| c) Test low water cutoff  |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
| d) Blowdown boiler  |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    | L  |                 |    |    |    |    |
| e) Test water column & gauge glass                              |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    | L  |                 |    |    |    |    |
| f) Observe flame  |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    | L.   |                 |    |    |    |    |
| g) Check fuel oil   |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    | L  |                 |    |    |    |    |
| h) Observe boiler feed & return pumps                           |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    | L  |                 |    |    |    |    |
|   |                            |                                  |        |        |           |       | N   | /ION | ΓHLY  | 'CHI | ECK: | S (En   | iter d                   | ate a | and t | ime)                                |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
| Review condition of, check or test each item                    | a) Sa                      | a) Safety valve - Try lever test |        |        |           |       |     |      |       |      |      | e) Boiler room floor                          |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
|   | b) Flame detection devices |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       | f) Fuel supply systems              |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
|   | c) Li                      | mit co                           | ontrol | ls     |           |       |     |      |       |      |      |   |                          |       |       | g) Fireside                         |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
|   | d) Operating Controls      |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
| YEARLY CHECKS (Enter date and ti me)                            |                            |                                  |        |        |           |       |     |      |       |      |      |   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
| Review condition of, check or test each item                    | a) Internal inspection     |                                  |        |        |           |       |     |      |       |      |      | f) Combustion & draft tests                   |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
|   | h) Estamation attack       |                                  |        |        |           |       |     |      |       |      |      |   | g) Safety valve pop test |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
|   |                            | urner                            | Main   | ntenai | nce       |       |     |      |       |      |      |   |                          |       |       | h) Low water cutoff slow drain test |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
|   | d) B                       | oiler f                          | eed 8  | & con  | dens      | ate p | ump | main | tenar | nce  |      |   |                          |       |       | i) Ins                              | i) Inspect gas piping |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |
|   |                            |                                  |        |        |           |       |     |      |       |      |      | j) Boiler room ventilation/louvres and intake |                          |       |       |                                     |                       |        |    |    |  |  |       |  |    |  |                 |    |    |    |    |