

Regulation of Department of Industrial Works
Re: Registration of supervising, inspecting engineer and operator
for boiler or other similar equipment
B.E. 2528 (1985)

Pursuant to the Ministerial Notification No. 18 (B.E. 2528 (1985)) dated 20th February B.E. 2528 (1985) regarding duty of a person engaging in a factory business which states that a factory entrepreneur shall arrange to have supervising engineer for the use of boiler, inspecting engineer for boiler or other similar equipment, engineer for restoration or reposition of a boiler or similar equipment and operator for a boiler or similar equipment, and such person shall register according to rule and procedure prescribed by Department of Industrial Works.

Department of Industrial Works hereby issues the rule and procedure for registration as follows:

Article 1 This regulation shall be called “Regulation of Department of Industrial Works regarding registration of supervising, inspecting engineer and operator for boiler or other similar equipment B.E. 2528 (1985)”.

In addition, “similar equipment” in this regulation shall mean an equipment that use liquid as heat conducting media (the type using higher pressure than atmospheric pressure and having similar feature to a boiler).

Article 2 Qualification of a person who requests for registration

2.1 Supervising engineer for the use of boiler and engineer for restoration or reposition of a boiler or similar equipment shall be a mechanical engineer with engineering license under the Engineering Professions Act B.E. 2505 (1962).

2.2 Inspecting engineer for boiler or other similar equipment shall be a mechanical engineer with fellow engineer license or charter engineer license or one who receives particular permit for boiler inspection under the Engineering Professions Act B.E. 2505 (1962).

2.3 Operator for boiler or other similar equipment shall be a person with academic background of high vocational certificate in industrial mechanics, technician, or skilled person passing training course for boiler operator conducted by Department of Industrial Works or other institutes endorsed by Department of Industrial Works.

Article 3 Registration procedure

3.1 A qualified person in Article 2 shall submit a request for registration together with other documentation to Department of Industrial Works. Once Department of Industrial Works approves, a letter granting registration shall be issued as proof.

3.2 Registration shall be valid for three calendar year as from the year that Department of Industrial Works issues proof of registration. To renew registration, a request shall be submitted to Department of Industrial Works prior to expiration date of proof of registration. Once submitted the renewal request, it shall be considered as valid registration until Department of Industrial Works notifies otherwise.

3.3 A request form for registration and renewal of registration shall use the form annexed hereto.

Article 4 Duty and responsibility of supervising engineer for the used of boiler

4.1 Supervise an operator of a boiler to be on duty at all times.

4.2 Establish a plan to use boiler safely and efficiently.

4.3 Establish a maintenance plan for boiler to always sustain its stability and safety.

4.4 Supervise the corrective maintenance to maintain the boiler at safe condition fro operation and arrange for safety inspection of boiler use at least once a year.

4.5 Once found defect of the boiler that can lead to major accident, cease the use of boiler for maintenance and notify a factory entrepreneur and Department of Industrial works immediately.

Article 5 Duty and responsibility of inspecting engineer for boiler or other similar equipment

5.1 Use the following instrument or equipment for boiler inspection.

1. High pressure pump that can pump at pressure more than 1.5 times of normal pressure of the boiler

2. Testing kit for safety valve

3. Testing kit for pressure gauge

4. Digital meter for ultrasonic thickness

5. Water quality analysis kit

5.2 Notify a factory entrepreneur immediately if inspection shows that the boiler, similar equipment or its component and/or its accessories are no longer in safe working condition in order to improve, correct, restore or replace it in safe working condition.

5.3 Inspect the boiler or similar equipment according to rule or criteria of inspection or engineering principles and complete inspection report using form document endorsing safety use of boiler or similar equipment annexed hereto.

Article 6 Duty and responsibility of inspecting engineer for restoration or reposition of a boiler or similar equipment

6.1 Supervise restoration and reposition of the boiler or similar equipment in accordance with plan and detailed design approved by an engineer only.

6.2 Set up a report on size and amount including plan and detailed design of boiler or similar equipment that is restored or replace and installation location, and submit such report to Department of Industrial works prior the installation.

Article 7 Duty and responsibility of operator for boiler or similar equipment

7.1 Be at the boiler or similar equipment at all times while on duty.

7.2 Perform routine check of the boiler or similar equipment prior to operation and while in operation, and record in daily working report using form annexed hereto.

7.3 Keep and maintain record of a daily working report for inspection by an official at all times.

7.4 Notify supervising engineer for the use of boiler or a factory entrepreneur immediately if found that the boiler or similar equipment has defect resulting in hazard.

Article 8 Withdrawal of the registration

If a registered person does not act on duty and responsibility as prescribed in Articles 4,5,6,7 or falsify the report or is an engineer whose license is revoked or expired, Department of Industrial Works shall withdraw such registration and orders decision as sees appropriate.

Announced on the 16th day of April B.E. 2528 (1985)

(signed)

(Mr.Chamnong Panasjuthabul)

Director-General of Department of Industrial Works