

## FALSE REPRESENTATION.

29. It is provided by section 32 of the Shipping and Seamen Act, 1908, that any person who makes, assists in making, or procures to be made, any false representation for the purpose of procuring either for himself or any other person a certificate of competency or service, or the grant of any such certificate, shall be guilty of a crime which is punishable with a term of imprisonment or with a fine, and any certificate issued on false information will be cancelled.

## APPLICATION OF BOARD OF TRADE REGULATIONS.

30. The appropriate regulations of the Board of Trade of the United Kingdom shall be deemed to be applicable to matters pertaining to the examination of engineers in the mercantile marine which are not covered by these rules.

## QUALIFICATIONS REQUIRED FOR RIVER ENGINEER.

31. An engineer of a steamer plying within restricted limits must be twenty-one years of age, and must have been employed about the machinery or boilers of a steamer, or in driving machinery and having charge of the boiler of a land-engine, for at least one year, or produce satisfactory proof of having served five years at the making and repairing of engines, and having been employed about the machinery or boilers of a steamer, or in driving machinery and having charge of the boiler of a land-engine, for at least six months. He must produce satisfactory testimonials of good conduct and sobriety for at least one year immediately prior to date of application.

- (a) He must be able to read and write, must understand the first five rules of arithmetic, and questions relating to the consumption of coal and stores, the capacity of bunkers, and must be able to calculate the pressure on the safety-valve.
- (b) He must understand the use of the salinometer and vacuum and steam gauges.
- (c) He must understand how to keep the boiler free from incrustation, and the method of regulating the density of the water in the boiler.
- (d) He must be able to state how a temporary repair could be effected in case of derangement of machinery or boiler.
- (e) He must pass a creditable examination as to the construction and details of the different parts of any engine used in steamers plying within restricted limits, and give an explanation of the use of each part.
- (f) He must be able to give a satisfactory description of the construction of the different kinds of boilers in general use in steamers plying within restricted limits, and must explain the use and management of the feed and safety valves, brine-cocks, and all connections.

## QUALIFICATIONS REQUIRED FOR MARINE-ENGINE DRIVER.

32. A marine-engine driver can act as an engineer of a steamship plying only within harbours, rivers, and lakes, or other inland navigable waters, and which is fitted with non-condensing machinery, the area of cylinder or combined area of cylinders of propelling machinery of which does not exceed 200 circular inches.

- (a) He must be twenty-one years of age, and must have been employed about the machinery and boilers of a steamer, or in driving machinery and having charge of the boiler of a land-engine, for at least six months, or produce satisfactory proof of having served five years at the making and repairing of engines.
- (b) He must produce satisfactory testimonials of good conduct and sobriety for at least one year immediately prior to date of application. He must be able to read, write, and understand the first five rules of arithmetic.
- (c) He must understand the use of the salinometer and steam-gauge.
- (d) He must understand how to keep the boiler free from incrustation, and the method of regulating the density of the water in the boiler.
- (e) He must be able to state how a temporary repair could be effected in case of derangement of machinery or boiler.