

## IN TIMES OF EPIDEMICS.

38. Passengers during a period of epidemic disease should be notified by steamship agents to dispense as far as possible with luggage that may be injured by wetting, in case of having to undergo disinfection—such as fabrics, of which the dyes are likely to run, as the owners will be compelled to assume all risks of injury.

39. Vessels during a period of epidemic disease should dispense as far as possible with woollen hangings, curtains, carpets and upholstering, substituting non-absorbing coverings.

40. Every vessel carrying cargo, and liable to be disinfected, should have provided a plain frame shaft allowing a clear inside space of 12 inches each way, placed in the main hatch, in a sailing vessel; and one in each hatch of a steam-ship, divided by bulkheads. The frame work in this shaft to be set before loading and to extend from the hatchway to the bottom of the vessel. This simple arrangement would receive the fumigating pipe and avoid shifting cargo.

## PASSENGERS.

41. Passengers, for the purpose of these regulations are divided into two classes, cabin and steerage. Steerage passengers are those occupying compartments other than those of first and second cabin.

## METHODS OF DISINFECTION.

42. The methods of disinfection at the Quarantine Stations of Canada shall be as follow :—

(a.) Exposure to steam not less than 30 minutes, steam to be of the temperature of not less than 100° Centigrade (212° Fahrenheit) nor greater than 115° Centigrade (239° Fahrenheit) ;

(b.) Articles that would be destroyed by the above method to be disinfected by thoroughly wetting with a solution of mercuric chloride, of one part to one thousand, or approximately one drachm to one gallon, wine measure, applied by means of a brush, or by drenching, or by immersion. ;

(c.) Where sulphur dioxide is used it is to be provided by burning not less than 3 pounds of rolled sulphur per 1000 cubic feet of space, or if it is used in liquid form in the same proportionate strength, and the period of exposure to be not less than 6 hours.

43. The disinfection of iron vessels shall be as follows, as may be required :—

(a.) *Holds*—After mechanical cleansing, the hold to be thoroughly washed with an acid solution of mercuric chloride, 1 to 800 (mercuric chloride 1 part, hydrochloric acid 2 parts, water 800 parts), applied to all surfaces by means of a hose. If danger is apprehended from the poisonous effects of the mercury deposited on the surfaces, it can be subsequently washed down with clean water ;