

ClassNK PSC Bulletin

Date:	22 February 2019
No:	NK-PSC-17
Attachment	No / Yes : page(s)

Title:

Defects of fire doors

Typical deficiency (outline of comments) by PSC:

- Poor closing condition of fire doors
- Defects of self-closing doors
- Inappropriate alteration of fire doors

Port State

Country: All countries

Port: All ports

Action taken by PSC:

Detention / Rectify before Departure / Other

Description:

During PSC inspections, it has been frequently reported that PSC officers have pointed out deficiencies related to defects of fire doors such as poor closing condition of fire doors, defects of self-closing doors, and so on. Further, there have also been frequent reports of intentional deteriorating fireproof performance by the crew such as securing self-closing fire doors with hold-back hooks or wires to keep fire doors in open positions, inappropriate cable penetration of fire doors / fire door frames, and so on.

In the majority of cases, fire door defects are the result of improper onboard maintenance. Whenever a defective condition such as the above is found, it is usually pointed out as a deficiency. Further, there is a possibility that the deficiency might be judged as indicating a lack of proper SMS implementation.

Given the above situation, it is highly recommended that all ship's owners, managers and operators conduct a careful visual inspection and maintenance of all fire doors and operation tests of all self-closing devices at appropriate intervals for all ships in their fleet to ensure proper and safe operation.

Sample Illustrations of Common Defects



Wasted fire door



Inappropriate cable penetration



Gap between fire door and frame



Detached key of fire door



Hold-back hook fitted on self-closing door



Inappropriate fire door repair



Detached fire door frame



Detached fire door packing