

	<b>NB-L CO-ORDINATION OF NOTIFIED BODIES LIFTS DIRECTIVE 95/16/EC</b>	<b>NB-L/REC 2/018</b> <b>version: Rev2</b> <b>date: 03-11-13</b>
<b>NB-L RECOMMENDATION FOR USE</b>		
<b>Keywords:</b>  <b>CAP, Landing doors, fire resistance, Certificates</b>	<b>Proposed by NB-L on, 03-11-13</b> <b>Decided by NB-L/HC on, 03-11-13</b> <b>Modified by NB-L/HC on 04-11-17</b> <b>StC: to be approved</b> <b>by WP X done on 04-09-08</b> <b>by OP done on</b>	
<b>related to Directive: 95/16/EC</b>	<b>EN: 81-58</b>  <b>Clause:</b>	
<b>Article:</b> <b>Annex: I</b> <b>Clause: 4.2</b>		
<b>Question:</b>  What shall be considered in the conformity assessment procedures concerning Annex I, clause 4.2 on the fire resistance of lift landing doors?		
<b>Answer:</b>  EHSR 4.2. of Annex I of Directive 95/16/EC expresses the requirement that lift landing doors that have to contribute to the protection of the building against fire must be suitably resistant to fire.  The fire resistance of lift landing doors is thus a requirement of the Lifts Directive 95/16/EC which covers the corresponding requirement of the Construction Products Directive 89/106/EEC (see 95/16/EC Committee – Working Group on Lifts - Doc. 2002.06).  The conformity assessment procedures to be applied to this aspect of lift safety are determined by the Lifts Directive 95/16/EC. Lifts certified as in conformity to EHSR 4.2. of the Directive 95/16/EC according to one of the conformity assessment procedures laid down in this Directive can be placed on the market and put in service freely in the EEA without the need for further national testing or approval procedures.  The standard EN 81-58: 2002, developed by WG 3 of CEN/TC 10 in support of the Lifts Directive, specifies a test method for determining the fire resistance of lift landing doors. It follows the general principles described in standards developed by CEN/TC 127. Additionally, it specifies a method for testing the integrity of lift landing doors intended to provide a fire barrier to the spread of a fire from the landing to the floors above via and through the lift shaft.  For the conformity assessment procedures the following shall be considered:  <u>Organisation to carry out the fire resistance test</u>  The test method described in EN 81-58 requires sophisticated test equipment and expertise which, today, is only available in very few test laboratories. All of these test laboratories are approved bodies under the Construction Products Directive 89/106/EEC.  A manufacturer which is certified under annex IX or XIII of the Lifts Directive and which is providing the same equipment and expertise can also carry out these tests. In this case the notified body auditing the annex IX or XIII system has to check the equipment and the capability of the manufacturer.  <u>Certification</u>  According to EN 81-58 the specification of the door, the evaluation and the results of the test, etc. are described in details in a test report. As a summary a type examination certificate similar to that in EN 81-1/2 an-		

nex F.0.2 can be issued by the test laboratory or manufacturer which includes the name of the test laboratory, the type of door, the certification number, the name and address of the manufacturer, the references of the test method standard, the class of the door, the field of application, etc. This certificate is clearly not an EC type examination certificate.

#### Marking of the door

The door shall be fitted with a data plate with information about the manufacturer, the type of door, the certification number, the references of the test method standard, the class of the door and other relevant information. Since lift landing doors including their fire resistance are not mentioned in the list of safety components in Annex IV of the Lifts Directive they cannot be CE marked under the Lifts Directive.

#### Production control

A production control for lift landing doors is not required under the Lifts Directive. Due to the fact that it is quite impossible to check the compliance of an installed door with the type approved sample during a final inspection of a lift a production control should be established similar to the procedures given in Annex VIII, IX or XI.

#### Classification

EN 81-58 contains a classification system similar to the classification system for other construction products. The classification system covers the test criteria (integrity E, insulation I, radiation W) and the duration of the test. Each member state has to select and determine a class of door which suits to their national fire protection concepts in buildings. During the conformity assessment procedures it has to be checked that the lift landing doors comply with the required door class of the member state and for the building in which they are installed.

#### Use of existing certificates according to national regulations

Up to now lift landing doors have been tested and certified according to existing national regulations. Most member states will select a door class according to EN 81-58 which ensures a comparable safety level as their existing national regulations. In these cases lift landing doors which are certified according to existing national regulations can be considered to satisfy EHSR 4.2 of the Lifts Directive and therefore do not need retesting to EN 81-58.

In cases where a member states decides for a door class which leads to a higher safety level than the existing national regulations the doors tested and certified according to these national regulations can not be considered to satisfy EHSR 4.2 of the Lifts Directive.

The following table contains a comparison of the existing national regulations and the door classes selected in each member state:

<b>Member State</b>	<b>Existing national regulations</b>	<b>Class of door according to EN 81-58</b>	<b>Existing national regulations satisfy EHSR 4.2</b>
Austria			
Belgium			
Denmark			
Finland			
France			
Germany	DIN 4102-5, DIN 18090, DIN 18091		Yes
Greece			
Ireland			
Italy	UNI 9723		
Luxemburg			
Norway			

Netherlands			
Portugal			
Spain			
Sweden			
(Switzerland)			
United Kindom	BS 476-20/22		

**History:** Prepared by NB-L/AH -WG – CW on base of an order of NB-L/HC; consideration in 12<sup>th</sup> NB-L/HC meeting; decided on 03-11-13 by 13<sup>th</sup> NB-L/HC; adopted by Stg LC on 04-09-08, modified on 04-11-17 by 15<sup>th</sup> NB-L/HC

**According to the "Rules of Procedure", clause 2.7, it is expected that Notified Bodies take recommendations into consideration**

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