Amendment on 26 December 2024 Resolved by Technical Committee on 23 July 2024

Side Scuttles and Rectangular Windows

Object of Amendment

Rules for the Survey and Construction of Steel Ships Part L

Reason for Amendment

Requirements for side scuttles and rectangular windows in Chapters 7 and 8 of Part L of the Rules for the Survey and Construction of Steel Ships stipulate steel or iron used for component parts such as main frames, glassholders, glass retaining rings, etc. is to be galvanized to obtain corrosion resistance properties.

In recent years, however, the use of painted windows has increased because painting is seen as being equivalent to galvanising in terms of corrosion resistance performance.

Accordingly, relevant requirements are amended to allow the use of products with painted or equivalently coated finishes.

Outline of Amendment

Specify that painting and other coating methods are permitted for corrosion resistance treatment purposes in addition to galvanising when steel or iron is used.

Effective Date and Application

Effective date of this amendment is 26 December 2024.

ID: DH24-02

Amended-Original Requirements Comparison Table (Side Scuttes and Rectangular windows)				
Amended	Original	Remarks		
RULES FOR THE SURVEY AND	RULES FOR THE SURVEY AND			
CONSTRUCTION OF STEEL SHIPS	CONSTRUCTION OF STEEL SHIPS			
Part L EQUIPMENT	Part L EQUIPMENT			
Chapter 7 SIDE SCUTTLES	Chapter 7 SIDE SCUTTLES			
7.1 Side Scuttles	7.1 Side Scuttles			
7.1.4 Materials	7.1.4 Materials			
1 Main frame, glassholder, glass retaining ring and	1 Main frame, glassholder, glass retaining ring and			
deadlight	deadlight			
The materials used for the main components of the side	The materials used for the main components of the side			
scuttles (main frame, glassholder, glass retaining ring and	scuttles (main frame, glassholder, glass retaining ring and			
deadlight) are to be in accordance with the requirements as	deadlight) are to be in accordance with the requirements as			
given in Table L7.4. These materials are to have the	given in Table L7.4. These materials are to have the	Revise so that methods		
following properties in (1) and (2).	following properties in (1) and (2).	to provide resistant		
(1) <u>Corrosion resistance is to be obtained through</u>	(1) resistant corrosion;	galvanizing can be		
galvanising, painting, etc. where steel or iron is used.	(2) <u>minimum mechanical properties as given in Table</u>	applied.		
(2) <u>Minimum mechanical properties as given in Table</u>	L7.5. (One tensile test specimen is to be taken from			
L7.5. (One tensile test specimen is to be taken from	each cast. Where the number of casting from one			
each cast. Where the number of casting from one	cast exceeds 50, an additional specimen is to be			
cast exceeds 50, an additional specimen is to be	taken from each 50 castings of fraction thereof. For			
taken from each 50 castings of fraction thereof. For	aluminium extruded shapes, one tensile test			
aluminium extruded shapes, one tensile test	specimen is to be taken per each lot. Extruded shapes			
specimen is to be taken per each lot. Extruded shapes	of similar thickness made from the same melting and	l		
of similar thickness made from the same melting and	heat treated simultaneously are treated as one lot.	l		
heat treated simultaneously are treated as one lot.	Where the number of identical lots exceeds 50, an	l l		

Amended-Original Requirements Comparison Table (Side Scuttles and Rectangular Windows)

Amended	Original	Remarks
Where the number of identical lots exceeds 50, an additional specimen is to be taken for each 50 lots or fraction thereof.) (Deleted)	 additional specimen is to be taken for each 50 lots or fraction thereof.) <u>4</u> Where steel or iron is used, the side scuttles are to be galvanized. 	Delete as it is covered by the previous -1.
Chapter 8 RECTANGULAR WINDOWS	Chapter 8 RECTANGULAR WINDOWS	
8.1 Rectangular Windows	8.1 A Materials	
0.1.4 Main frame glassholder and glass retaining frame	0.1.4 Materials 1 Main frame glassholder and glass retaining frame	
The materials used for the main components of the	The materials used for the main components of the	
rectangular windows (main frame, glassholder and glass	rectangular windows (main frame, glassholder and glass	
retaining frame) are to be in accordance with the	retaining frame) are to be in accordance with the	
requirements as given in Table L8.3. These materials are to	requirements as given in Table L8.3. These materials are to	
have the following properties in (1) and (2) .	have the following properties in (1) and (2).	Revise so that methods
(1) <u>Corrosion resistance is to be obtained through</u>	(1) <u>resistant corrosion;</u>	corrosion other than
(2) Minimum mechanical properties as given in Table	(2) minimum mechanical properties as given in Table	galvanizing can be
L8.4. (One tensile test specimen is to be taken from	L8.4. (One tensile test specimen is to be taken from	applied.
each cast. Where the number of casting from one	each cast. Where the number of casting from one	
cast exceeds 50, an additional specimen is to be	cast exceeds 50, an additional specimen is to be	
taken from each 50 castings of fraction thereof. For	taken from each 50 castings of fraction thereof. For	
aluminium extruded shapes, one tensile test	aluminium extruded shapes, one tensile test	
specimen is to be taken for one piece per each lot.	specimen is to be taken for one piece per each lot.	

Amended-Original Requirements Comparison Table (Side Scuttles and Rectangular Windows)

Amended	Original	Remarks
Extruded shapes of similar thickness made from the same melting and heat treated simultaneously are treated as one lot. Where the number of identical lots exceeds 50, an additional specimen is to be taken for each 50 lots or fraction thereof.) (Deleted)	 Extruded shapes of similar thickness made from the same melting and heat treated simultaneously are treated as one lot. Where the number of identical lots exceeds 50, an additional specimen is to be taken for each 50 lots or fraction thereof.) <u>4</u> Where steel or iron is used, the rectangular windows are to be galvanized. 	Delete as it is covered by the previous -1.
EFFECTIVE DATE AND APPLICATION 1. The effective date of the amendments is 26 December 2024.		

Amended-Original Requirements Comparison Table (Side Scuttles and Rectangular Windows)