

**Declaration of Performance**  
(according to regulation EU No 305/2011)

Certificate No:

2814/CPR/RQA0532073/A

S275J0

**Strip S275J0 / 1.0143 according EN 10025-2**

To be used in-welded, bolted and riveted structures

Tata Steel IJmuiden B.V.  
Wenckebachstraat 1  
1951 JZ Velsen-Noord  
The Netherlands  
Tel: +31 251 49111  
Website : [www.tatasteeleurope.com](http://www.tatasteeleurope.com)

CE Marking Notified Body  
Lloyd's Register Verification B.V.  
K.P. Van Der Mandelelaan 41 A  
3062 MB Rotterdam  
The Netherlands

System of assessment and verification of constancy of  
performance of the product  
System 2+

Notified factory production control certification body No. 2814  
performed the initial inspection of the manufacturing plant and of  
factory production control and the continuous surveillance,  
assessment, and evaluation of factory production control and  
issued the certificate of conformity of the factory production  
control

The performance of the product identified is in conformity with  
the declared performance. This declaration of performance is  
issued, in accordance with regulation (EU) No305/2011, under  
the sole responsibility of the manufacturer. Signed for and on  
behalf of the manufacturer by:



Essential characteristic	Performance				Harmonised technical specification
Tolerances on dimensions and shape	Dimensions		EN 10051		EN10025-1 2004
	Flatness		EN10051		
Yield strength (transverse)	Nominal thickness (mm)		Values Min (MPa)		
	>	<=			
	1.4	16	275		
	16	20	265		
Tensile strength (transverse)	Nominal thickness (mm)		Values (MPa)		
	>	<=	min	max	
	1.4	3	430	580	
	3	20	410	560	
Elongation (transverse)	Nominal thickness (mm)		Values min (%; 80mm)		
	>	<=			
	1.4	1.5	16		
	1.5	2	17		
	2	2.5	18		
	2.5	3	19		
	Nominal thickness (mm)		Values min (%; 5.65√s <sub>0</sub> )		
	>3	<=20	23		
Impact strength (longitudinal)	J0		27J at +0°C		
Weldability CEV	Nominal thickness (mm)		Values max (%)		
	>	<=			
	1.4	20	0.40		
Durability	Nominal thickness (mm)		Values max (%)		
	>1.4	<=20	C:0,18 Mn: 1,50 P: 0,030 S: 0,030 N: 0.012 Cu: 0.55		



2814

Tata Steel IJmuiden B.V.  
Wenckebachstraat 1  
1951 JZ Velsen-Noord  
The Netherlands

21

MLE Strip S275J0

EN 10025-1 – 2004

Strip S275J0/1.0143

To be used in-welded, bolted and riveted structures

Tolerances on dimensions : Strip EN10051

Elongation :  
Tensile Strength :  
Yield Strength : EN10025-2  
Impact Strength :  
Weldability :  
Durability :

Dangerous Substances : No Performance Determined