NLMK La Louvière

Declaration of performance

(according to regulation EU N°305/2011)

1) **strip** **S355K2** **according EN 10025-2:2004**

to be used in metallic structures

2)

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CE marking notify body
OCAB/OCBS 1148
Boulevard de la plaine, 5 B 1050 Bruxelles
website: WWW,ocab-ocbs,com

system of assessment and verification of constancy of performance of the product according annex V:

Notified factory production control certification body N° 1148 performed :
-the initial inspection of the manufacturing plant anf of factory production control
-the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control

Essential characteristic	performance				Harmonised technical specification
tolerances on dimensions and shape	dimension		EN 10051		EN 10025-1 :2004
	flatness		EN 10051		
Yield strength	Nominal thickness (mm)		values Min (Mpa)		
	>=	<=			
	1,5	12,7	355		
Tensile strength	Nominal thickness (mm)		values (Mpa)		
	>=	<=	Min	Max	
	1,5	2,99	510	680	
	3	12,7	470	630	
elongation	Nominal thickness (mm)		values Min (Mpa)		
	>	<=	min (%)	sample	
	1,5	2	14	A80	
	2	2,5	15	A80	
	2,5	2,99	16	A80	
	3	12,7	20	A50	
Impact strength	Nominal thickness (mm)		values Joules		
	1,5 - 12,7 mm		40 J at - 20°C		
Weldability CEV	Nominal thickness (mm)		values %		
			max 0,45		
Durability	Nominal thickness (mm)		values max %		
	1,5 - 12,7 mm		C	0,2	
			Si	0,55	
			Mn	1,6	
			P	0,025	
			S	0,025	
			Cu	0,55	

This declaration of performance is issued under the sole responsability of the manufacturer identified in point 2.
signed for and on behalf the manufacturer by :

P Lesenfants
Quality & metallurgy dpt

16th November 2015