ArcelorMittal	**DECLARATION OF PERFORMANCE (UK)**	DOPIL_S420N_1.8902_UK English version Revision 00

According to the Construction Products (Amendment etc.) (EU Exit) Regulations 2019/2020

1. Unique identification code of the product-type :

Plate S420N / 1.8902

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) :

Plates S420N / 1.8902 according to EN 10025-3

3. Intended use or uses of the construction product, in accordance with the applicable designated technical specification, as foreseen by the manufacturer :

Welded, bolted and riveted structures

4. Name, registrated trade name or registrated trade mark and contact address of the manufacturer as required pursuant Article 11(5) :

INDUSTEEL France
Site de Châteauneuf
118 Route des Etaings
42800 Châteauneuf
France
Tél : +33 477752007
e-mail : info.dopil@arcelormittal.com
Link : https://industeel.arcelormittal.com/downloads/certifications-quality/

5. Name and contact adress of the authorized representative whose mandate covers the tasks specified in Article 12(2) :

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V :

System 2+

7. In case of the declaration of performance concerning a construction product covered by a designated standard :

Approved factory production control certification body, TUV SUD BABTUNLIMITED, Nr 0168 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 nr 0168 - CPR – M - 008 – 2023 rev1.

8. Declared performance

Essential characteristic			Performances			Designated technical specification
Tolerance on dimensions /shape	Thickness		EN 10029 Class A			EN 10025-3 : 2019
	Flatness		EN 10029 Class N			
Yield strength	**Thickness (mm)**		Imposition			
	>	≤	Min (MPa)			
	100	150	340			
	150	200	330			
	200	250	320			
Tensile strength	**Thickness (mm)**		Imposition			
	>	≤	min (MPa)	max (MPa)		
	100	150	500	650		
	150	200	500	650		
	200	250	500	650		
Elongation	**Thickness (mm)**		Imposition			
	>	≤	min (%)			
	100	150	18			
	150	200	18			
	200	250	18			
Impact strength	**Thickness (mm)**		Imposition			
	>	≤	T (°C)	Min Kv (J) transversale direction	Min Kv (J) longitudinale direction	
	100	250	-20	20	40	
			-10	24	43	
			0	27	47	
			20	31	55	
Chemical composition	**Thickness (mm)**		Imposition			
	>	≤	Elément	min (%)	max (%)	
	100	250	C		0.20	
			Si		0.60	
			Mn	1.00	1.70	
			P		0.030	
			S		0.025	
			Nb		0.05	
			V		0.20	
			Al_{total}*	0.02		
			Ti		0.05	
			Cr		0.30	
			Ni		0.80	
			Mo		0.10	
			Cu		0.55	
			N		0.025	
Weldability	**Thickness (mm)**		Imposition			
	>	≤	CEV (%max)			
	100	250	0.52			

* When over nitrogen binding elements are used, the minimum Al value does not apply.

9. The performance of the product identified in points 1 & 2 is in conformity with the declared performance point 8.
   This declaration Of Performance is issued under the sole responsibility of the manufacturer identified in point 4.
   Signed for and on behalf of the manufacturer by :
   Aurélien CHAIZE
   Metallurgical Eng.
   Châteauneuf, 2023-03-06