

N° 001-C; rev. 20/06/2013

Unique identification of product-type:		Flat products, bars and profiles, hot finished, in grades S235JR/S275JR/S355JR/S235J2/S275J2, according to EN10025-2.							
Intended use:		ZA.2		System of assessment:			2+		
Manufacturer:		Montanstahl SA Via Gerrette 4, 6855 Stabio, Switzerland							
Notified factory production control certification body No. 0036 (TÜV SÜD Industrie Service GmbH; D – 80686 Munich) performed the initial inspection of the manufacturing plant and of factory production control as well as the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control with no. 0036-CPR-M-63-2013									
In the following tables: Essential Characteristics, Performance values and Harmonized Technical Specification.									
Tolerances on dimensions and shape		Passed			EN 10025-2:2004				
Chemical values (MAX values)									
Grades:	C		Si	Mn	P	S	N	Cu	
	≤16mm	16-40 mm							
S235JR	0.17	0.17	-	1.40	0.035	0.035	0.012	0.55	EN10025-2:04
S275JR	0.21	0.21	-	1.50	0.035	0.035	0.012	0.55	EN10025-2:04
S355JR	0.24	0.24	0.55	1.60	0.035	0.035	0.012	0.55	EN10025-2:04
S235J2	0.17	0.17	-	1.40	0.025	0.025	-	0.55	EN10025-2:04
S275J2	0.18	0.18	-	1.50	0.0025	0.025	-	0.55	EN10025-2:04
Mechanical values									
	Elongation (A) (min)		Tensile strength (Rm)	0.2% yield strength (min)			Impact strength (KV) (min)		
Grades:	≥3	>40	≥3	≤16	>16	>40	≤150		
	≤40	≤63	≥100		≤40	≤63			
S235JR	26	25	360-510	235	225	215	27	EN10025-2:04	
S275JR	23	22	410-560	275	265	255	27	EN10025-2:04	
S355JR	21	20	470-630	355	345	335	27	EN10025-2:04	
S235J2	24	23	360-510	235	225	215	27	EN10025-2:04	
S275J2	21	20	410-560	275	265	255	27	EN10025-2:04	
Weldability	covered by chemical composition								EN10025-2:04
Durability	covered by chemical composition								EN10025-2:04
The performance of the product identified in “Unique identification of product-type” is in conformity with the declared performance in the previous table.									
This declaration of performance is issued under the sole responsibility of the identified manufacturer.									
Signed for and on behalf of the manufacturer by:									
Maspero Francesco, Quality System Manager									
Stabio, 20/06/2013									