

Test weld breakdown of the tests

Customer:	Welding servis		
Producer:	Nová svařovna s.r.o.		
Inspection body:	Welding Inspect	Number of pieces:	1
Subject:	Plate	Dimension:	12 mm
WPQR No.:	100/17	WPS:	100/17/01
Sample No.:	100	Joint / weld type:	BW 12 V ss ml
Parent metal (group):	S 355 J2+N (1.2)	Process:	135
Heat:	123456	Position:	PA
Filler metal:	ESAB OK Aristorod 12.50	Welder:	Novák

Referenced documents: EN ISO 15614-1

Test		Number	Standard - conditions
Transversal tensile test		2	ČSN EN ISO 4136
Tensile test of filler metal - longitudinal			
Tensile test of parent metal			
Impact test T = -20 °C	WM	1 set	ČSN EN ISO 9016
	HAZ	1 set	ČSN EN ISO 9016
Bend test Ø mandrel = 4 x t = mm angle =	face + root		
	side	4	ČSN EN ISO 5173
	longitudinal		
Hardness test HV 10		2 lines	ČSN EN ISO 9015-1
Macrosection test	+ foto	1	ČSN EN ISO 17639
Microstructure test	+ foto		
Spectrometric test of filler metal			
Corrosion test			
Ferrite content in austenite by EMG method			
Ferrite content in duplex by manual counting			
Fracture test			
NDT - visual test VT			
NDT - penetration test PT			
NDT - ultrasonic test UT			
NDT - radiographic test RT			

Presence of the inspector in destructive tests	no
Test report language	EN
Number of report	1
Test specimens after the test required to return	no