



Babru Stainless Sdn Bhd
 PTD 4069, PLO 108,
 Jalan Rumbia 4,
 Tanjung Langsat Industrial Complex,
 81700 Pasir Gudang, Johor,
 Malaysia
 Corrosion resistant steel strip for building
 construction or civil engineering
 Regulated substance : No performance determine

INSPECTION CERTIFICATE 3.1

ISSUE DATE: 2017-02-09

ACCORDING TO EN 10204 CERTIFICATE NO 128913

Rev 1

MANUFACTURER'S MARK	BHS	INSPECTOR'S STAMP		MELTING PROCESS	E/AOD
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CUSTOMER: ACERINOX POLSKA SP. Z O.O. UL. DANISZEWSKA 23, 03-230 WARSZAWA Poland	ORDER No. BE04865	ITEM No. 2	DELIVERY NOTE No. DEL036826
	CUSTOMER ORDER No. S/131964/001/2017		
	REQUIREMENTS		

SPECIFICATIONS	MATERIAL CODE	CASE
ASTM A240 / A240M-15a	304L 304	BPS1G04412 [6970 kg]
EN 10088-2-2014	1.4307 1.4301	BPS1G04446 [6980 kg]
EN 10028-7-2007	1.4307 1.4301	
EN 10088-4-2009	1.4307 1.4301	

TOLERANCE: ASTMA480

PRODUCT: 2B Finish, Cold Rolled, Annealed & Pickled, Skin passed

DIMENSIONS: 0.8 mm X 1500 mm X COIL QUANTITY 2 MASS 13950 Kg MATERIAL No.: A0035401A

CHEMICAL COMPOSITION (%)										
	C	S	P	Mn	Si	Cr	Ni	N		
Min						17.5	8.0			
Max	0.030	0.015	0.045	2.00	0.75	19.5	10.5	0.10		
Actual	0.015	0.001	0.029	1.77	0.41	18.0	8.1	0.08		

MECHANICAL PROPERTIES										
TEMPERATURE	DIRECTION	POSITION	Rm MPa	Rp0.2 MPa	Rp1.0 MPa	A50 %	A80 %	HRBW HRBW		
Ambient	Transverse	Requirement Min	540	230	260	40	45			
		Max	700					92		
Ambient	Transverse	Head	669	316	371	52	51	82		
		Tail	669	312	364		52	83		

INTERGRANULAR CORROSION		This material is free from mercury contamination. The radiation level exhibited by this material is not greater than the normal background level. This document is issued without alteration or erasure and may only be reproduced in full. Tests to verify batch and quality have been made. Verwechslungsprüfung wurde durchgeführt. Visual and dimensional control: no exceptions. Besichtigungen und Abmessung: ohne Beanstandung. The delivery is in accordance with the order. Die Lieferung entspricht den Bestellbedingungen. This material meets the Hardness requirement of Nace MR-0175 & Nace MR-0103 Material has been PMI Tested Rm = Tensile strength (UTS) Rp0.2 = Yield/proof strength at 0.2% strain Rp1.0 = Yield/proof strength at 1.0% strain A5 = Elongation with gage length 5.65*sqrt(cross-sectional area) A5 = Elongation with gage length 50 mm HRBW = Rockwell hardness B scale
SPECIFICATION	RESULT	
ASTM A262 Practice E/EN ISO3651-2	PASS	
HEAT TREATMENT (SOLUTION ANNEALED)		Babru Stainless Sdn Bhd is certified with ISO 9001 & ISO 14001 BAHRU STAINLESS SDN BHD IS MEMBER OF ACERINOX GROUP
Anneal °C	Quench	
1050 - 1100	AIR/SPRAY	

The material was certified to PED 97/23/EC, Annex 1, Par 4.3 and AD 2000 W0/W2/W10

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 Swin Le Teoh
 QC ENGINEER