

TEST CERTIFICATE

CUSTOMER DUCK SOO METAL CO. LTD 1658-5, SONGJEONG-DONG, GANGSEO-KU BUSAN, KOREA	ORDER NO 160533	PACKING LIST NO Profiles/1007931/3	INSPECTION NO 890000190558	DATE 29.06.2016
			GRADE AISI 316L	HEAT No 102433

BUNDLE NO :
5457204,5457201,5457200,5457199,5457198

DESCRIPTION

STAINLESS STEEL ANGLE BAR, AISI 316L SIZE (MM) QUANTITY(MTS) UNIT PRICE(USD) AMOUNT (USD) ARE MENTIONED ON THE ENCLOSURE COUNTRY OF ORIGIN : INDIA L.C NO.: M04891606NU00089 DTD.: 13-06-2016

HOT ROLLED ANNEALED & PICKLED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
80 X 80 X 8 MM	ANGLE	ASTM A484	6.00 - 6.05	85	4.866 TO

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Mo	%N
0.020	1.65	0.42	0.024	0.035	16.95	10.07	2.02	0.0800

TEST RESULTS

Tensile Strength	Proof Stress Rp=0.2%	% Elongation	% Reduction of Area	Hardness
N/MM2	N/MM2			
641	314	43	58	190

SPECIFICATION:

MATERIAL CONFORMS TO ASTM A276/A276M, ASME SA 479, ASTM A479/A479M-15, COND. A. DIMENSIONAL TOLERANCE AS PER ASTM A484/A484 M-11. MATERIAL PASSES IGC TEST AS PER ASTM A 262-10, PRACTICE E. TEST CERTIFICATION IN ACCORDANCE WITH EN 10204-3.1.

REMARKS

RADIOACTIVITY TEST: ALL THE ABOVE MATERIAL IS TESTED FOR RADIOACTIVITY AND FOUND WITHIN THE LIMIT OF BACKGROUND RADIATION. MATERIAL IS FREE FROM MERCURY CONTAMINATION, WELDING & WELDS REPAIRS. MICROSTRUCTURE-AUSTENITIC. SOLUTIONED ANNEALED TEMP. 1050C. TREATED FOR 45 MINUTES & WATER QUENCHED. COUNTRY OF MELTING AND MANUFACTURING: INDIA

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

WORKS INSPECTOR

TEST CERTIFICATE

CUSTOMER DUCK SOO METAL CO. LTD 1658-5, SONGJEONG-DONG, GANGSEO-KU BUSAN, KOREA	ORDER NO 160533	PACKING LIST NO Profiles/1007931/2	INSPECTION NO 890000190805	DATE 29.06.2016
			GRADE AISI 316L	HEAT No 102432

BUNDLE NO :
5457323,5457223,5457219,5457218,5457217,5457216,5457215,5457214,5457213,5457212,5457211,5457210,5457209,5457208,5457207,5457206,5457205,5457203,5457202,5457222,5457322

DESCRIPTION

STAINLESS STEEL ANGLE BAR, AISI 316L SIZE (MM) QUANTITY(MTS) UNIT PRICE(USD) AMOUNT (USD) ARE MENTIONED ON THE ENCLOSURE COUNTRY OF ORIGIN : INDIA L.C NO.: M04891606NU00089 DTD.:13-06-2016

HOT ROLLED ANNEALED & PICKLED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
80 X 80 X 8 MM	ANGLE	ASTM A484	6.00 - 6.05	251	14.369 TO

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Mo	%N2
0.017	1.66	0.43	0.025	0.034	16.76	10.08	2.05	0.0730

TEST RESULTS

Tensile Strength	Proof Stress Rp=0.2%	% Elongation	% Reduction in Area	Hardness
N/MM2	N/MM2			HN
648	317	44	58	192

SPECIFICATION:

MATERIAL CONFORMS TO ASTM A276/A277-15, ASME SA 479, ASTM A479/A479M-15, COND. A. DIMENSIONAL TOLERANCE AS PER ASTM A484/A484 M-11. MATERIAL PASSES IGC TEST AS PER ASTM A 262-10, PRACTICE E. TEST CERTIFICATION IN ACCORDANCE WITH EN 10204-3.1.

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