

BOLT INSPECTION CERTIFICATE

CUSTOMER : 7TMW INC.
P.O NUMBER : SSI-2300
COMMODITY : A325 STRUCTURAL BOLT FULL THREAD
SIZE : 5/8-11X2 NC
LOT NO : 1B2321007(1A23407081)
SHIP QUANTITY : 14,015PCS
HEAD MARKS : A325 & GENIUS SYMBOL
COUNTRY OF ORIGIN : CHINA

PART NO :
SAMPLING PLAN : ASME B18.18-2017/ ASTM F1470-2018
HEAT NO : 22208679
MATERIAL : 10B33
FINISH : HT HOT DIP GAL PER ASTM A153/ ASTM 42329

PERCENTAGE COMPOSITION OF CHEMISTRY : **TEST FACILITY** : S

Chemistry	Al%	C%	Mn%	P%	S%	Si%	Cr%
Spec. MINIMUM	0.0008	0.2900	0.7000				
MAXIMUM	0.0030	0.3800	1.0000	0.0250	0.0250	0.4000	
Test Value	0.0020	0.3100	0.7700	0.0220	0.0040	0.1300	0.1800

DIMENSIONAL INSPECTIONS: ACCORDING TO ASME/ ANSI B18. 2.6

TEST FACILITY: M

SAMPLED BY: LUODINGQIONG

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
MAJOR DIAMETER	4PCS	JIS B1071		15.5200-15.8300MM	15.7300-15.7800MM	4	0
SURFACE DISCONTINUITIES	29PCS	ASTM F788/F788M			PASSED	29	0
NOMINAL LENGTH	15PCS	JIS B1071		47.7600-50.8000MM	49.8900-50.0100MM	15	0
HEIGHT	4PCS	JIS B1071		9.6100-10.2300MM	9.9200-10.1100MM	4	0
ACROSS CORNERS	4PCS	JIS B1071		29.8500-31.1600MM	30.0900-30.2800MM	4	0
ACROSS FLATS	4PCS	JB/ T 9151		26.1900-26.9700MM	26.4100-26.4700MM	4	0
THREAD	15PCS	JIS B1071		Nut Increase GO 2A			
				NOGO	PASSED	15	0

DIMENSIONAL INSPECTIONS: ACCORDING TO ASTM F3125-18

TEST FACILITY: M

SAMPLED BY: WANGZHENGHUA

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
ELONGATION	4PCS	ASTM F606/F606M		Min. 14%	16 - 16%	4	0
WEDGE TENSILE	4PCS	ASTM F606/F606M		Min. 120KSI	132 - 135KSI	4	0
YIELD STRENGTH	15PCS	ISO898.1		Min. 92KSI	98 - 99KSI	15	0
REDUCTION OF AREA	15PCS	ASTM F606/F606M		Min. 35%	38 - 39%	15	0
CORE HARDNESS	15PCS	ASTM F606/F606M		25-34 HRC	29 - 30 HRC	15	0

ALL TESTS ARE IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE APPLICABLE ASTM/ SAE/ ASME SPECIFICATION. WE CERTIFY THAT THIS DATA IS A TRUE REPRESENTATION OF INFORMATION PROVIDED BY THE MATERIAL SUPPLIER AND OUR TESTING LABORATORY.

THE REPORT IS ISSUED ACCORDING TO ISO16228 F3.1(EN10204 3.1)

TYPE M: MANUFACTURER

TYPE S: SUPPLIER (STEEL MILL, PLATING SUB SUPPLIER, HEAT TREATMENT SUB SUPPLIER ETC.

WE CERTIFY THE PARTS ARE ROHS COMPLIANT.

SIGNATURE: 