

BOLT INSPECTION CERTIFICATE

CUSTOMER : 7TMW INC.
P.O NUMBER : SSI-2133
COMMODITY : ISO 4014 HEX HEAD BOLT HT CL 8.8
SIZE : M30-3.50X170
LOT NO : 1B2181972
SHIP QUANTITY : 2,675 PCS
HEAD MARKS : GENIUS SYMBOL & 8.8

PACKAGING NO. : 7TMW211130006
INVOICE NO : 7TMW/SSI-220104MA-1
PART NO :
SAMPLING PLAN : ASME B18.18 - 2017/
 ASTM F1470 - 2018
HEAT NO : 21806436
MATERIAL : ML40CR
FINISH : H.T PLAIN

PERCENTAGE COMPOSITION OF CHEMISTRY : TEST FACILITY : S

Chemistry	C%	Cr%	Mn%	P%	S%	Si%
Spec.: MINIMUM	0.3800	0.9000	0.6000			
MAXIMUM	0.4500	1.2000	0.9000	0.0350	0.0350	0.3000
Test Value	0.4000	0.9800	0.6600	0.0140	0.0010	0.2200

DIMENSIONAL INSPECTIONS: ACCORDING TO ISO4014 - 2011

TEST FACILITY : M

SAMPLED BY: ZHANGHONGYUN

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
BODY DIAMETER	3PCS	JB/T 9151		29.4800-30.0000MM	29.8200-29.8600MM	3	0
HEIGHT	3PCS	JB/T 9151		18.2800-19.1200MM	18.8700-18.9200MM	3	0
SURFACE DISCONTINUITIES	18PCS	ISO6157.3			PASSED	18	0
BODY DIAMETER	3PCS	JB/T 9151		29.5300-29.9400MM	29.7300-29.7800MM	3	0
ACROSS FLATS	3PCS	JB/T 9151		45.0000-46.0000MM	45.8100-45.8800MM	3	0
ACROSS CORNER	3PCS	JB/T 9151		Min. 50.8500MM	51.0600-51.1100MM	3	0
NOMINAL LENGTH	13PCS	JB/T 9151		169.2000-170.8000MM	169.8500-170.8900MM	13	0
THREAD LENGTH	13PCS	JB/T 9151	72.00		89.9000-90.9400MM	13	0
THREAD	3PCS	JB/T 9151		6g GO 6g NOGO	PASSED	3	0

MECHANICAL PROPERTIES: ACCORDING TO ISO898.1-2013

TEST FACILITY : M

SAMPLED BY: CHENGMINGHANG

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
SURFACE HARDNESS	13PCS	ASTM E384		Max. 365 HV	296-305 HV	13	0
CORE HARDNESS	13PCS	ISO898.1		23-34HRC	28-31 HRC	13	0
WEDGE TENSILE	3PCS	ISO898.1		Min. 830 N/MM2	884-889 N/MM2	3	0

ALL TESTS ARE IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE APPLICABLE ASTM/ SAE/ ASME/ MIL-STD-120 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: 