

BOLT INSPECTION CERTIFICATE

P.O NUMBER : SSI-2120	INVOICE NO : 7TMW/SSI-210827 MA-1
COMMODITY : ISO 4017 HEX HEAD BOLT FT CL 8.8	PART NO :
SIZE : M16-2.00X50	SAMPLING PLAN : ASME B18.18/ ASTM F1470
LOT NO : 1B2151650	HEAT NO : 21105049
SHIP QUANTITY : 25,4400 PCS	MATERIAL : 40ACR
HEAD MARKS : GENIUS SYMBOL & 8.8	FINISH : H.T PLAIN

PERCENTAGE COMPOSITION OF CHEMISTRY : TEST FACILITY: S

Chemistry	C%	Cr%	Mn%	P%	S%	Si%
Spec.: MINIMUM	0.4000	0.2000	0.6000			
MAXIMUM	0.4400	0.4000	0.9000	0.0250	0.0250	0.1000
Test Value	0.4100	0.2700	0.7700	0.0120	0.0060	0.0300

DIMENSIONAL INSPECTIONS: ACCORDING TO ISO4017-2014 TEST FACILITY: M

SAMPLED BY: ZHANGHONGYUN

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
MAJOR DIAMETER	4PCS	JB/T 9151		15.6900-15.9600MM	15.8400-15.8900MM	4	0
ACROSS CORNER	4PCS	JB/T 9151		Min. 26.7500MM	26.8600-26.9100MM	4	0
HEIGHT	4PCS	JB/T 9151		9.8200-10.1800MM	9.9400-9.9800MM	4	0
NOMINAL LENGTH	15PCS	JB/T 9151		49.5000-50.5000MM	49.9300-49.9700MM	15	0
ACROSS FLATS	4PCS	JB/T 9151		23.6700-24.0000MM	23.8300-23.8800MM	4	0
SURFACE DISCONTINUITIES	29PCS	ISO6157.3			PASSED	29	0
THREAD	15PCS	JB/T 9151		6g GO 6g NOGO	PASSED	15	0

MECHANICAL PROPERTIES: ACCORDING TO ISO 898.1-2013 TEST FACILITY: M

SAMPLED BY: CHENGMINGHANG

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
CORE HARDNESS	15PCS	ISO898.1		22-32HRC	27-29 HRC	15	0
SURFACE HARDNESS	15PCS	ASTM E384		Max. 350 HV	282-304 HV	15	0
TENSILE STRENGTH	4PCS	ISO898.1		Min. 800 N/ MM2	879-888 N/MM2	4	0

ALL TESTS ARE IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE APPLICABLE ASTM/ SAE/ ASME/ MIL-STD-120 SPECIFICATION. WE CERTIFY THAT THIS DATE IS A TRUE REPRESENTAION OF INFORMATION PROVIDED BY THE MATERIAL SUPPLIER AND OUR TESTING LABORATORY.

WE CERTIFY THE PARTS ARE ROHS COMPLIANT.

SIGNATURE: