

CERTIFICATE OF INSPECTION

PO. NUMBER: SSI-2138

INVOICE NO: 7TMW/SSI-220104M-1

COMMODITY: ISO 4017 HEX HEAD BOLT FULL THREAD CL 8.8

PART NO:

SIZE: M16-2.00X100

SAMPLING PLAN:

LOT NO: 1B2191712

ASME B18.18-2017/ASTM F1470-2018

SHIP QUANTITY: 4,900 PCS

HEAT NO: 21106773

HEADMARKS: GENIUS SYMBOL & 8.8

MATERIAL: 40ACR

FINISH: H.T. PLAIN

PERCENTAGE COMPOSITION OF CHEMISTRY: TEST FACILITY: S

Chemistry	C%	Cr%	Mn%	P%	S%	Si%
Spec. MIN.	0.4000	0.2000	0.6000			
MAX.	0.4400	0.4000	0.9000	0.0250	0.0250	0.1000
Test Value	0.4100	0.2700	0.7700	0.0100	0.0030	0.0600

DIMENSIONAL INSPECTIONS: ACCORDING TO ISO4017-2014

TEST FACILITY: M

SAMPLED BY: ZHANGHONGYUN

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
NOMINAL LENGTH	15 PCS	JB/T 9151		99.3000-100.7000 MM	99.8700-99.9200 MM	15	0
WIDTH ACROSS FLATS	4 PCS	JB/T 9151		23.6700-24.0000 MM	23.8600-23.8900 MM	4	0
MAJOR DIAMETER	4 PCS	JB/T 9151		15.6900-15.9600 MM	15.8400-15.8900 MM	4	0
WIDTH ACROSS CORNERS	4 PCS	JB/T 9151		Min. 26.7500 MM	26.8800-26.9200 MM	4	0
HEIGHT	4 PCS	JB/T 9151		9.8200-10.1800 MM	9.8800-9.9100 MM	4	0
SURFACE DISCONTINUITIES	22 PCS	ISO6157.3			PASSED	22	0
THREAD	15 PCS	JB/T 9151		6g GO, 6g NOGO	PASSED	15	0

MECHANICAL PROPERTIES: ACCORDING TO ISO 898.1-2013

TEST FACILITY: M

SAMPLED BY: CHENGHONGHANG

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
CORE HARDNESS	15 PCS	ISO698.1		22-32 HRC	28-30 HRC	15	0
SURFACE HARDNESS	15 PCS	ASTM E384		Max. 350 HV	294-302 HV	15	0
WEDGE TENSILE	4 PCS	ISO898.1		Min. 800 N/MM2	911-917 N/MM2	4	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:

