

BOLT INSPECTION CERTIFICATE

DATE: 15/05/2024

CUSTOMER : 7TMW INC
VN# : VN- 181225
SUPPLIER REF : SC- 180220-A63-1
PO# :

TEST PROGRAM
LOT NO : ECZYD
SIZE : 5/8-11X7

DESCRIPTION : HEAVY HEX STRUCTURAL BOLTS A325 TYPE1 PART THREAD 2. HEAT TREATMENT. BLACK FINISHED MARKED "A325" MARKER'S SIGN "TA"

QUANTITY : 2,730 PCS

MATERIAL : SAE J403 10B33 **CHEMICAL COMPOSITION**

HEAT NO.	SIZE DIAMETER	C	Mn	P	S	Si
101925	17 mm	100% 34	100% 85	1000% 14	1000% 6	100% 3

II. RESULT OF TEST PROJECT

TEST PROJECT	REQUIREMENT	1	2	3	4	5	AVG.	JUDGEMENT
e(A/F)	26.98-26.19 mm	26.74	26.78	26.78	26.76	26.79	26.77	OK
e(A/C)	31.16-29.85 mm	30.68	30.65	30.64	30.63	30.66	30.65	OK
m(THICKNESS)	10.23-9.61 mm	9.82	9.84	9.86	9.88	9.85	9.85	OK
D(DIAMETER)	15.83-15.53 mm	15.78	15.77	15.79	15.77	15.74	15.77	OK
LT2 (THREAD LENGTH)	50.80 ref mm	50.44	50.48	50.45	50.46	50.47	50.46	OK
L2(LENGTH)	177.80-171.45 mm	172.02	172.05	172.06	172.08	172.10	172.06	OK
THREAD GO	OK	PASS						
THREAD NO GO	OK	PASS						
HARDNESS	34-25 HRC	29.0	29.3	28.3	28.2	28.9	28.7	OK
TENSILE STRENGTH	12.320 KGF	13.600	13.400	13.500	13.300	13.250	13.410	OK

We certify that the product supplied has been tested by us as described above and complies with the order and technical specification indicated.

Report by : *Sam Young*