

BOLT INSPECTION CERTIFICATE

Date: 1-16-2023

CUSTOMER : 7TMW INC.
VN# : VN-181106
SUPPLIER REF : SC-AW.com | 180220-A63-1
PO# :
TESE PROGRAM :
LOT NO : ECZYF
SIZE : 3/4 - 10 X 2-1/2
DESCRIPTION : HEAVY HEX STRUCTURAL BOLTS A325 TYPE 1, FULL THREAD, HEAT TREATMENT, BLACK FINISHED MARKED "A325" + MAKER'S SIGN "TA"
QUANTITY : 2,930 PCS

I. MATERIAL **ACr10B33** **CHEMICAL COMPOSITION**

HEAT NO.	SIZE	C	Mn	P	S	Si
471800841	20 mm	100%	100%	100%	100%	100%

II. RESULT OF TEST PROJECT

TEST PROJECT	REQUIREMENT	1	2	3	4	5	AVG	JUDGEMENT
s(A/ F)	31.75 - 30.79 mm	31.48	31.49	31.45	31.50	31.46	31.48	OK
e(A/C)	36.65 - 35.13 mm	35.96	35.98	35.98	35.97	35.96	35.97	OK
m(THICKNESS)	12.26 - 11.56 mm	11.90	11.92	11.93	11.94	11.93	11.92	OK
D(DIAMETER)	19.00 - 18.68 mm	18.90	18.93	18.94	18.92	18.91	18.92	OK
LT2(THREAD LENGTH)	50.80 (ref) mm	50.34	50.34	50.36	50.36	50.34	50.35	OK
L2(LENGTH)	63.50 - 58.68 mm	62.16	62.18	62.18	62.17	62.16	62.17	OK
THREAD GO	OK	PASS						
THREAD NO GO	OK	PASS						
HARDNESS	34-25 HRC	31.20	30.00	30.50	29.50	28.30	29.90	OK
TENSILE STRENGTH	18,190 KGF	19,500	19,501	19,502	19,503	19,504	19460	OK

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

AM TRUNG HIEU
 QUALITY CONTROL CENTER AUDITOR