Jinn Her Enterprise Co., Ltd.
No. 107, SHIN-LO ST, KANGSHAN, 820 KAOHSIUNG, TAIWAN R. O. C
TEL : +886 (07) 6229801 FAX : +886 (07) 6223750 • +886 (07) 6211503

CERTIFICATE OF INSPECTION

CUSTOMER NAME	: PORTEOUS FASTENER CO.	REPORT NO	: JH10120812011
CUSTOMER'S ADDRESS	: 1040 WATSON CENTER RD.	REPORT DATE	: 2010/12/28
	CARSON,CA. 90745	BOLT LOT NO	: B9B6281Y 1
	U. S. A.	BOLT MATERIAL	: SCR440
ORDER NUMBER	: 10091407	BOLT HEAT NO	: 2ER86
PART NUMBER	: 00086-3226-042	NUT LOTNO	:
DESCRIPTION	: HEX CAP SCREWS G8,HD MARK: 6 RADIAL LINES & JH	NUT MATERIAL	:
		NUT HEAT NO	:
SIZE	: 3/4-10X2-1/2 NC	WASHER LOT NO	:
FINISH	: H.T. ZINC YELLOW 5 MICRON	WASHER MATERIAL	:
QUANTITY	: 4320.0	WASHER HEAT NO	:
BOLT MFR.	: JINN HER ENTERPRISE CO.,LTD.	ASSEMBLY LOT NO	:
NUT MFR.	:	BOLT MFR. DATE	: 2010/11/9
WASHER MFR.	:	NUT MFR. DATE	:
		WASHER MFR. DATE	:

BOLT DIMENSIONAL INSPECTION — INSPECTION : 2010/11/30
SPECIFICATION : ASME B18.2.1 — SAMPLING STANDARD : ASME B18.18.2M

CHARACTERISTIC	TEST METHOD	STANDARD	UNIT	TEST VALUE	SAMPLE	ACC	REJ
WIDTH ACROSS CORNERS	JIS B1071	31.86-32.99	mm	32.33-32.44	4	4	0
WIDTH ACROSS FLATS	JIS B1071	27.94-28.57	mm	28.22-28.30	4	4	0
HEIGHT	JIS B1071	11.56-12.26	mm	11.84-11.89	4	4	0
LENGTH	JIS B1071	61.47-63.50	mm	62.31-62.43	4	4	0
THREAD	ASME B1.3M	NONE	N/A	PASS	4	4	0

BOLT MECHANICAL INSPECTION — INSPECTION : 2010/11/21
SPECIFICATION : SAE J121 — SAMPLING STANDARD : ASME B18.18.2M

CHARACTERISTIC	TEST METHOD	STANDARD	UNIT	TEST VALUE	SAMPLE	ACC	REJ
COMPLETELY DEC. DEPTH	SAE J121	MAX 0.015	mm	PASS	1	1	0
BASE METAL	SAE J121	MIN 1.041	mm	PASS	1	1	0

BOLT MECHANICAL INSPECTION — INSPECTION : 2010/11/21
SPECIFICATION : SAE J429 — SAMPLING STANDARD : ASME B18.18.2M

CHARACTERISTIC	TEST METHOD	STANDARD	UNIT	TEST VALUE	SAMPLE	ACC	REJ
SURFACE HARDNESS	SAE J429	MAX 58.6	HR30N	54-56	6	6	0
CORE HARDNESS	SAE J429	33.0-39.0	HRC	36-37	6	6	0
TENSILE STRENGTH	SAE J429	MIN 150.0	ksi	165-166	3	3	0
PROOF LOAD	SAE J429	MIN 120.0	ksi	PASS	1	1	0

BOLT FINISH INSPECTION — INSPECTION : 2010/11/30
SPECIFICATION : ASTM F1941 — SAMPLING STANDARD : ASME B18.18.2M

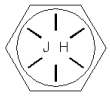
CHARACTERISTIC	TEST METHOD	STANDARD	UNIT	TEST VALUE	SAMPLE	ACC	REJ
THICKNESS OF COATING	ASTM A754/A754M	MIN 5.00	um	14.37-16.79	3	3	0

BOLT APPEARANCE INSPECTION — INSPECTION : 2010/11/30
SPECIFICATION : SAE J1061 — SAMPLING STANDARD : ASME B18.18.2M

CHARACTERISTIC	TEST METHOD	STANDARD	UNIT	TEST VALUE	SAMPLE	ACC	REJ
GENERAL WORKMANSHIP	VISION	NONE	N/A	PASS	4	4	0

CHEMICAL ANALYSIS %

HEAT NO	C-x100	MN-x100	P-x1000	S-x1000	SI-x100	CU-x100	NI-x100	CR-x100	MO-x100	AL-x1000	B-x10000	V-x100
2ER86	42	75	18	8	19	2	1	101				



BOLT MARKING

Remark : 1.Lab is accredited according to ISO/IEC17025 requirements. This certificate is valid with signature of Yi-Sung Chen.
2.This test certificate is responsible for designated samples only. This test certificate only relates to the items listed and tested, it's not allowed to be partially used.
3.The above composition is quoted from original mill certs which is not in the scope of Lab Accreditation.
4.This test certificate in accordance with EN 10204 type 3.1.
5.Unless specified by the customer, the latest version of the testing specs was used.
6.Quality System conforms to ISO 9001 requirements and certified by TUV .

