Packing List # 1609317 Customer PO # P1221968

HAU KWANG ENTERPRISE CO., LTD.
585, CHUNG-CHENG ROAD SEC. 2, HU NEI SHIANG, KAOHSIUNG, TAIWAN, R.O.C.
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NO121962

INSPECTION & TEST REPORT

CUSTOMER: PORTEOUS FASTENERS COMPANY *SAILING DATE:* 2012/3/13

UNIT:MM

						Width Across Flate		Head Height		Width Across Corners		Thread Length		Body Dia		Length		Tensile		Hard (HRB)		CERTIFCATE NO.	HEAT NO.	GO	NO GO	ZINC
NO. PART#	PO	Size	Description	Lot No		max	min	max	min	max	min	max	min	max	min	max	min	min		max	min					CR3+
00024-2818-020	11121219-P01 11120710	1/2-13X1-1/4	HEX HEAD MACHINE BOLT HEADMARK 307A&HKT PLAIN	D7984-1	REQ	19.05	18.42	9.24	7.68	21.99	20.99	31.75	(Ref)	13.08	(max)	32.76	30.23	60	Ksi	100	70	1000922034	37068			
					RESULT	18.80	18.48	8.61	7.83	21.59	21.09	F/T		N.A		31.74	30.47	N.A		80	74			OK	OK	

FM-Q-02-03

CHIEF OF DEPT Philip Su
INSPECTOR Nancy Wu
DATE 2012/3/19

RESULT JUDGES
ACPT

MB-TB (2)

官田鋼鐵股份有限公司

總公司:台南市官田區南廍里119-5號
NO. 119-5, NAN PU VILLAGE,
GUANTIAN DIST.,
TAINAN CITY, TAIWAN R.O.C
TEL:886-6-5790406
FAX:886-6-5793973
統一編號:72065240

ISO 9001:2000
AA 100 002032
Valid To NOVEMBER 2010

證明書編號: 1000922034
CERTIFICATE NO.

品 質 證 明 書
TEST CERTIFICATION

證明書日期: Sep. 22, 2011
ISSUE DATE

客戶名稱: 地址:	信春股份有限公司 813-63高雄市左營區至真路272號	客戶編號: CUSTOMER NO.	C235
製品名稱: COMMODITY	ROD CARBON STEEL	訂單編號: ORDER NO.	E100080024
製品規格: SPECIFICATION	JIS-SWRM6K	鋼種類別: STEEL GRADE / 低碳K料 LOW CARBON STEEL WIRE ROD	交運日期: DELIVERY DATE / Sep. 22, 2011

項目 ITEM	產品序號 SEQ NO.	直徑 DIA(mm)	數量 QTY	總重量 TOTAL WT. (Kgs)	爐號 HEAT NO.	機械性質 MECHANICAL PROPERTIES 降伏強度 Y.S. (Kgf/mm²)	抗拉強度 T.S. (Kgf/mm²)	伸長 E.L. (%)	斷面 R.A. (%)	降伏比 Y.R. (%)	彎曲試驗 BEND	化學成份 CHEMICAL COMPOSITION(%) C x10²	Si	Mn	P x10³	S	Cu x10²	Ni	Cr	Mo	Pb	Al x10³	B	C.E x10²
SPECIFICATION											MAX	8	n.c.	60	40	40	n.c.	n.c.	n.c.	n.c.	n.c.	-	n.c.	n.c.
											MIN	0	-	0	0	0	-	-	-	-	-	-	-	-
01	Z200W	8	1	2,065	37070	√						5		31	10	4								
02	Z303W	9	21	43,202	37068	√						5		28	10	6								
03	Z153W	10	13	26,944	37070							5		31	10	4								
04	Z154W	10	6	12,469	37070							5		31	10	4								
05	Z235W	12	38	75,577	37068							5		28	10	6								
06	Z236W	12	25	51,682	37068							5		28	10	6								
07	Z170W	13	12	24,671	37070							5		31	10	4								
08	Z270W	14	25	51,686	37068							5		28	10	6								
09	Z160W	16	14	26,222	37070							5		31	10	4								
	TOTAL:		155	314,518																				

備註: REMARK
上述化學成份引述自原供應商品質證書.
本品質證書無鋼印或影印無效.
REMARK THE ABOVE COMPOSITION IS QUOTED FORM THE ORIGINAL MILL SHEETS. THIS CERTIFICATION IS INVALID IF COPIED OR WITHOUT STAMP.

茲證明本表所列製品,均依材料規格製造及試驗,並符合規定要求
WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENT OF THE ABOVE MATERIAL SPECIFICATION

品保課主管
SIGN AND ISSUE
蔡子愷

W4-Q17.5