

Kao Hsing Chang

Iron & Steel Corp.





KAO HSING CHANG IRON & STEEL CORPORATION

高興昌鋼鐵股份有限公司
KAO HSING CHANG IRON & STEEL CORP.

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屏東廠 / Ping-Nan Plant

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台北分公司 / Taipei Branch

台北市大同區涼州街 62 號
No.62, Liang-Chow Street, Taipei, Taiwan, 103,
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一、配管用碳鋼鋼管 (Carbon Steel Pipes for Ordinary Piping)

CNS 6445 G3127 中國國家標準

CNS 6445 配管用碳鋼鋼管之尺度、重量及尺度許可差

標稱管徑 DESIGNATOR		外徑 O.D. mm	外徑許可差 TOLERANCE ON O.D.		厚度 THICKNESS mm	不包括接頭之單位重量 UNIT WEIGHT EXCLUSIVE COUPLING kg/m
A	B		螺紋鋼管 THREADED	其他鋼管 OTHERS		
15	1/2	21.7	±0.5mm	±0.5mm	2.8	1.31
20	3/4	27.2	±0.5mm	±0.5mm	2.8	1.68
25	1	34.0	±0.5mm	±0.5mm	3.2	2.43
32	1-1/4	42.7	±0.5mm	±0.5mm	3.5	3.38
40	1-1/2	48.6	±0.5mm	±0.5mm	3.5	3.89
50	2	60.5	±0.5mm	±1%	3.8	5.31
65	2-1/2	76.3	±0.7mm	±1%	4.2	7.47
80	3	89.1	±0.8mm	±1%	4.2	8.79
90	3-1/2	101.6	±0.8mm	±1%	4.2	10.1
100	4	114.3	±0.8mm	±1%	4.5	12.2
125	5	139.8	±0.8mm	±1%	4.5	15.0
150	6	165.2	±0.8mm	±1.6mm	5.0	19.8
200	8	216.3	±1.0mm	±0.8%	5.8	30.1
250	10	267.4	±1.3mm	±0.8%	6.6	42.4
300	12	318.5	±1.5mm	±0.8%	6.9	53.0
350	14	355.6	±0.5%	±0.8%	7.9	67.7
400	16	406.4	±0.5%	±0.8%	7.9	77.6
450	18	457.2	±0.5%	±0.8%	7.9	87.5
500	20	508.0	±0.5%	±0.8%	7.9	97.4

註：

1.適用種類SGP。(EQUIVALENT TO JIS G3452 SGP)

2.水壓試驗(HYDROSTATIC TEST):鋼管經26kg/cm²之水壓試驗，無洩漏或其他缺陷。

(ITS STRENGTH TO WITHSTAND THE PRESSURE 26kg/cm² WITHOUT LEAKAGE AND OTHER DEFECTS.)

3.厚度許可差(TOLERANCE ON THICKNESS):+無規定/-12.5%。(+NOT SPECIFIED/-12.5%)

二、壓力配管用碳鋼鋼管 (Carbon Steel Pipes for Pressure Service) CNS 4626 3111 中國國家標準

壓力配管用碳鋼鋼管之尺度及重量

標稱管徑 DESIGNATOR		外徑 O.D.	標稱厚度號數											
			Sch10		Sch20		Sch30		Sch40		Sch60		Sch80	
			厚度 THICK	單位重量 WEIGHT	厚度 THICK	單位重量 WEIGHT	厚度 THICK	單位重量 WEIGHT	厚度 THICK	單位重量 WEIGHT	厚度 THICK	單位重量 WEIGHT	厚度 THICK	單位重量 WEIGHT
A	B	mm	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m	mm	kg/m
15	1/2	21.7	—	—	—	—	—	—	2.8	1.31	3.2	1.46	3.7	1.64
20	3/4	27.2	—	—	—	—	—	—	2.9	1.74	3.4	2.00	3.9	2.24
25	1	34.0	—	—	—	—	—	—	3.4	2.57	3.9	2.89	4.5	3.27
32	1-1/4	42.7	—	—	—	—	—	—	3.6	3.47	4.5	4.24	4.9	4.57
40	1-1/2	48.6	—	—	—	—	—	—	3.7	4.10	4.5	4.89	5.1	5.47
50	2	60.5	—	—	3.2	4.52	—	—	3.9	5.44	4.9	6.72	5.5	7.46
65	2-1/2	76.3	—	—	4.5	7.97	—	—	5.2	9.12	6.0	10.4	7.0	12.0
80	3	89.1	—	—	4.5	9.39	—	—	5.5	11.3	6.6	13.4	7.6	15.3
90	3-1/2	101.6	—	—	4.5	10.8	—	—	5.7	13.5	7.0	16.3	8.1	18.7
100	4	114.3	—	—	4.9	13.2	—	—	6.0	16.0	7.1	18.8	8.6	22.4
125	5	139.8	—	—	5.1	16.9	—	—	6.6	21.7	8.1	26.3	9.5	30.5
150	6	165.2	—	—	5.5	21.7	—	—	7.1	27.7	9.3	35.8	11.0	41.8
200	8	216.3	—	—	6.4	33.1	7.0	36.1	8.2	42.1	10.3	52.3	12.7	63.8
250	10	267.4	—	—	6.4	41.2	7.8	49.9	9.3	59.2	12.7	79.8	15.1	93.9
300	12	318.5	—	—	6.4	49.3	8.4	64.2	10.3	78.3	14.3	107	17.4	129
350	14	355.6	6.4	55.1	7.9	67.7	9.5	81.1	11.1	94.3	15.1	127	19.0	158
400	16	406.4	6.4	63.1	7.9	77.6	9.5	93.0	12.7	123	16.7	160	21.4	203
450	18	457.2	6.4	71.1	7.9	87.5	11.1	122	14.3	156	19.0	205	23.8	254
500	20	508.0	6.4	79.2	9.5	117	12.7	155	15.1	184	20.6	248	26.2	311
550	22	558.8	6.4	87.2	9.5	129	12.7	171	15.9	213	—	—	—	—
600	24	609.6	6.4	95.2	9.5	141	14.3	210	—	—	—	—	—	—
650	26	660.4	7.9	127	12.7	203	—	—	—	—	—	—	—	—

註：

1.適用種類：STPG 370/STPG 410。(EQUIVALENT TO JIS G3454 STPG 370/STPG 410)

2.外徑公差(TOLERANCE ON O.D.)。

25A以下(OR UNDER)±0.3mm，32A至(TO)300A±0.8%，350A以上(OR OVER)±0.5%。

3.厚度公差(TOLERANCE ON THICKNESS):

未滿(UNDER)3mm±0.3mm，3mm以上(OR OVER)±10%。

三、電線電纜用鍍鋅鋼製導線管

(Galvanized Steel Conduits for Electrical Wires and Cables)

CNS 2606 C4060 中國國家標準

厚鋼電線管尺度、重量及有效螺紋長度

管之稱呼 DESIGNATOR	外徑 O.D. mm	外徑之容許差 TOLERANCE ON O.D. mm	厚度 THICKNESS mm	重量 WEIGHT kg/m	有效螺紋長度 EFFECTIVE LENGTH OF THREADED PART mm	
					最長 MAX.	最短 MIN.
G16	21.0	±0.3	2.3	1.06	19	16
G22	26.5	±0.3	2.3	1.37	22	19
G28	33.3	±0.3	2.5	1.90	25	22
G36	41.9	±0.3	2.5	2.43	28	25
G42	47.8	±0.3	2.5	2.79	28	25
G54	59.6	±0.3	2.8	3.92	32	28
G70	75.2	±0.3	2.8	5.00	36	32
G82	87.9	±0.3	2.8	5.88	40	36
G92	100.7	±0.4	3.5	8.39	42	36
G104	113.4	±0.4	3.5	9.48	45	39

無螺紋電線管之尺度、重量

管之稱呼 DESIGNATOR	外徑 O.D. mm	外徑之容許差 TOLERANCE ON O.D. mm	厚度 THICKNESS mm	重量 WEIGHT kg/m
E19	19.1	±0.15	1.2	0.530
E25	25.4	±0.15	1.2	0.716
E31	31.8	±0.15	1.4	1.05
E39	38.1	±0.15	1.4	1.27
E51	50.8	±0.15	1.4	1.71
E63	63.5	±0.25	1.6	2.44
E75	76.2	±0.25	1.8	3.30

註：

1. JIS C8305 日本工業規格鋼製電線管與本規格近似。(EQUIVALENT TO JIS C8305)

2. 重量許可差(TOLERANCE ON WEIGHT): +不限制/-7%。(+NOT SPECIFIED/-7%)

鋼管ISO證書 ISO CERTIFICATE



經濟部 / 財團法人 金屬工業研究發展中心
METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE

Certificate of Conformity

This is to certify that 茲證明

Kao Hsing Chang Iron & Steel Corp. Pintung Branch, Ping-Nan Plant
2, Yung Hsiang Road, Tung-Hai Village, Fang-Liao Township
Pintung County, Taiwan, R.O.C.
高興昌鋼鐵股份有限公司屏東分公司屏東廠
屏東縣枋寮鄉東海村永翔路2號

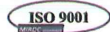
has been assessed and certified as meeting the requirement of
經評鑑結果符合標準

ISO 9001:2008

for the following scope:
認可登錄範圍如下:

The production of welded steel pipes for low pressure use (galvanized steel pipes), arc welded carbon steel pipes, rigid steel conduit, welded steel pipes for low pressure use (black steel pipes), carbon steel pipes for ordinary piping, polyethylene coated steel pipes, welded steel pipes for high pressure use, carbon steel pipes for general structures, carbon steel pipes for pressure service, steel pipe piles.

低壓有縫鋼管(白鋼管)、配管用電弧熔接碳鋼管、電線用鋼管、低壓有縫鋼管(黑鋼管)、配管用碳鋼管、聚乙烯被覆鋼管、高壓有縫鋼管、一般結構用碳鋼管、壓力配管用碳鋼管、鋼管樁之項目的生產



Certificate No: 7M8Y042-08
Date of Approval: July 23, 2015
Expiry Date: April 15, 2016
Originally Registered (Date/Certification body):
February 4, 1998/BSMI

董事長 蔡明祺

Chairman MIRDC



Quality Management
QC021



QMS 010

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THE BUREAU OF STANDARDS, METROLOGY AND INSPECTION (BSMI),
MINISTRY OF ECONOMIC AFFAIRS, TAIWAN, R.O.C.
QUALITY MANAGEMENT SYSTEM CERTIFICATE



ISO 9001
BSMI
認可登錄
REGISTERED

hereby certifies that the firm

KAO HSING CHANG IRON & STEEL CORP.
(NO.318, ZHONGHUA 1ST RD., GUSHAN DIST., KAOHSIUNG CITY, TAIWAN, R.O.C.)

has fulfilled the requirements of Quality Management System
specified as

ISO 9001:2008/CNS 12681

and is granted registration by the Bureau.
The scope of registration is described below.

KAO HSING CHANG IRON & STEEL CORP. PINTUNG BRANCH, PING-NAN PLANT
(2, YUNG HSIANG ROAD, TUNG-HAI VILLAGE, FANG-LIAO HSIANG, PINTUNG HSIEN, TAIWAN, R.O.C.)
THE PRODUCTION OF:
* WELDED STEEL PIPES FOR LOW PRESSURE USE (BLACK STEEL PIPES),
* WELDED STEEL PIPES FOR LOW PRESSURE USE (GALVANIZED STEEL PIPES),
* ARC WELDED CARBON STEEL PIPES, * RIGID STEEL CONDUIT,
* CARBON STEEL PIPES FOR ORDINARY PIPING * WELDED STEEL PIPES FOR HIGH PRESSURE USE,
* CARBON STEEL PIPES FOR GENERAL STRUCTURES,
* CARBON STEEL PIPES FOR PRESSURE SERVICE,
* STEEL PIPE PILES, * POLYETHYLENE COATED STEEL PIPES ---end---

Originally Registered: February 4, 1998
Date of Approval: April 16, 2013
Expiry Date: April 15, 2016
Certificate No: 7M8Y042-08

Jay-San Chen

Jay-San Chen, Ph. D.
Director General



Quality Management
QC 002



QMS 010

Scopes accredited by the TAF are marked with "※"

經濟部標準檢驗局
品質管理系統驗證證書



ISO 9001
BSMI
認可登錄
REGISTERED

茲證明

高興昌鋼鐵股份有限公司
(地址: 高雄市鼓山區中華一路318號)

實施 ISO 9001:2008/CNS 12681 品質管理系統
經本局評鑑結果符合標準予以認可登錄範圍如下:

高興昌鋼鐵股份有限公司屏東分公司屏東廠
(地址: 屏東縣枋寮鄉東海村永翔路2號)
下列項目生產:
* 低壓有縫鋼管(黑鋼管), * 低壓有縫鋼管(白鋼管),
* 配管用電弧熔接碳鋼管, * 電線用鋼管, * 配管用碳鋼管,
* 高壓有縫鋼管, * 一般結構用碳鋼管, * 壓力配管用碳鋼管,
* 鋼管樁, * 聚乙烯被覆鋼管 (以下空白)

原始登錄日期: 中華民國 87 年 02 月 04 日
發證日期: 中華民國 102 年 04 月 16 日
有效期限: 中華民國 105 年 04 月 15 日
驗證證書編號: 7M8Y042-08

局長 陳介山



Quality Management
QC 002



QMS 010

加註*者為取得財團法人全國認證基金會(TAF)之認證範圍