



บริษัท กรุงเทพมหานครผลิตเหล็ก จำกัด(มหาชน)
BANGKOK STEEL INDUSTRY PUBLIC COMPANY LIMITED

GALVANIZED STEEL SHEETS AND COILS SINGHA



สังกะสีแผ่นเรียบ
ตราสิงห์



RECYCLING



เครื่องหมายมาตรฐาน
มอก. 50-2548



History of the company

Bangkok Steel Industry Public Company Limited was established in 1964 engaging in the business of reinforcing steel round bars and deformed bars.

In 1984 the company began to produce Hot-dip continuous galvanizing iron sheet in coils by importing cold rolled coil from Japan and Korea. The coil are Processed with hot-dip galvanized coating system. A highly advanced technology from Japan under brand "Singha"

However , at present both the private and government enterprises are having policy in helping domestic producers by consuming local products so the majority percentage of raw materials are now from local of which quality equivalent to imported materials. The company's products are also manufactured in conformity with TIS 50-2548.

Our production capacity now 201,000 tons per year. Our GI sheet/coils are of high quality product suitable for construction usage such as ceiling, roofing, shutter, air-duct, water tank and other appliances. Our company's products are well accepted in all industrial business.

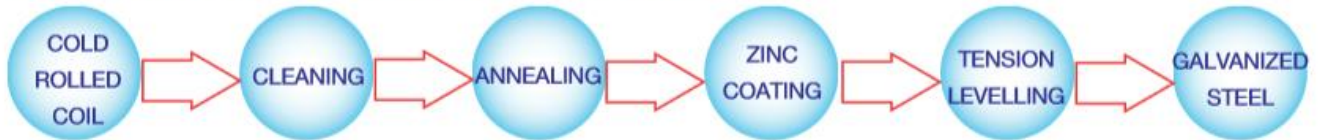


Manufacturing Process

IN the continuous galvanizing line coil of cold rolled strip is fed to cleaning section to remove the protective oil from strip surface. Then strip is run continuously through the non-oxidizing furnace that previously setting the heat cycle and reducing atmosphere to clean surface rust and transform the physical properties of strip to meet the customer application (namely : hard of soft iron). During the strip is dipped into the strictly control temperature and composition of zinc bath , the surface of steel will react and coated properly with molten zinc to get the excellence adhesion suitable for forming with no peel off of zinc layer.

The coating thickness of zinc is smoothly and evenly controlled in standard by air pressure and gap of air wiping knives before cooling and quench in water. To improve flatness and fluting properties the strip is passed the roller of the tension leveler then recoil or cut sheet according to customer order. Besides the careful inspection and closely control in every step of production , BSI assure the quality of our product by sampling and testing every coil conform to JIS,TIS and customer specification.

CONTINUOUS GALVANIZING LINE NO.2



MACHINE DESIGNED
PROCESS

TYPE OF PROCESS

PRODUCTION CAPACITY

RAW MATERIAL

THICKNESS

WIDTH

INCOMING COIL WEIGHT

SHEET LENGTH

COIL INNER DIAMETER

PROCESS SPEED

PRODUCT QUALITY

(OR EQUIVALENT)

SPANGLE

ZINC COATING

METHOD OF ZINC COATING

YODOGAWA STEEL WORK CO.,LTD.

CONTINUOUS HOT DIP

GALVANIZING LINE

NON-OXIDIZING FURNACE

PROCESS WITH IN LINE ANNEALING

145,000 T/Y.

COLD ROLLED COIL

0.12 – 1.80 MM.

400 – 1,350 MM.

10 MT

1,500 – 3,700 MM.

508 MM.

105 M.MINUTE

JIS G3302-1998 , SGCC , SGCH ,

SGCD1 , SGCD2 , SGCD3 , SGC340,

SGC400 , SGC440 , SGC490 , SGC570

REGULAR

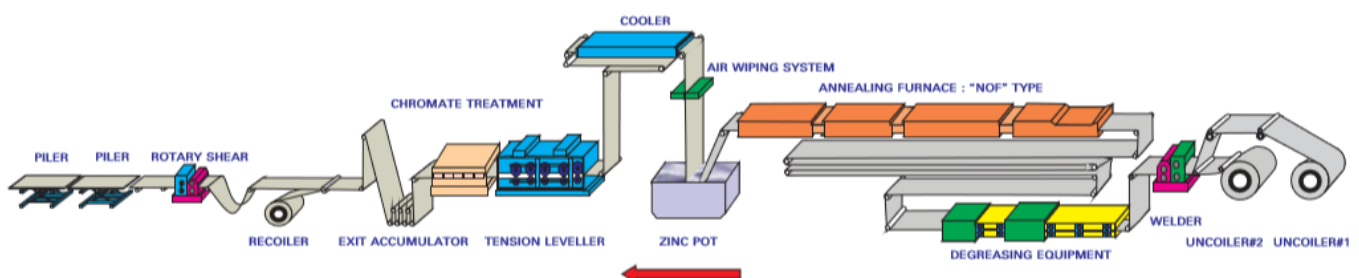
60 – 500 g/m²

AIR WIPING SYSTEM



เครื่องหมายมาตรฐาน

มอก. 50-2548





เครื่องหมายมาตรฐาน
มอก. 50 - 2548

น้ำหนักมาตรฐานของแผ่นเหล็กเคลือบสังกะสีของ BSI

BSI STANDARD TABLE

ผลิตตามมาตรฐาน JIS G3302 - 1998

UNDER JIS G3302 - 1998

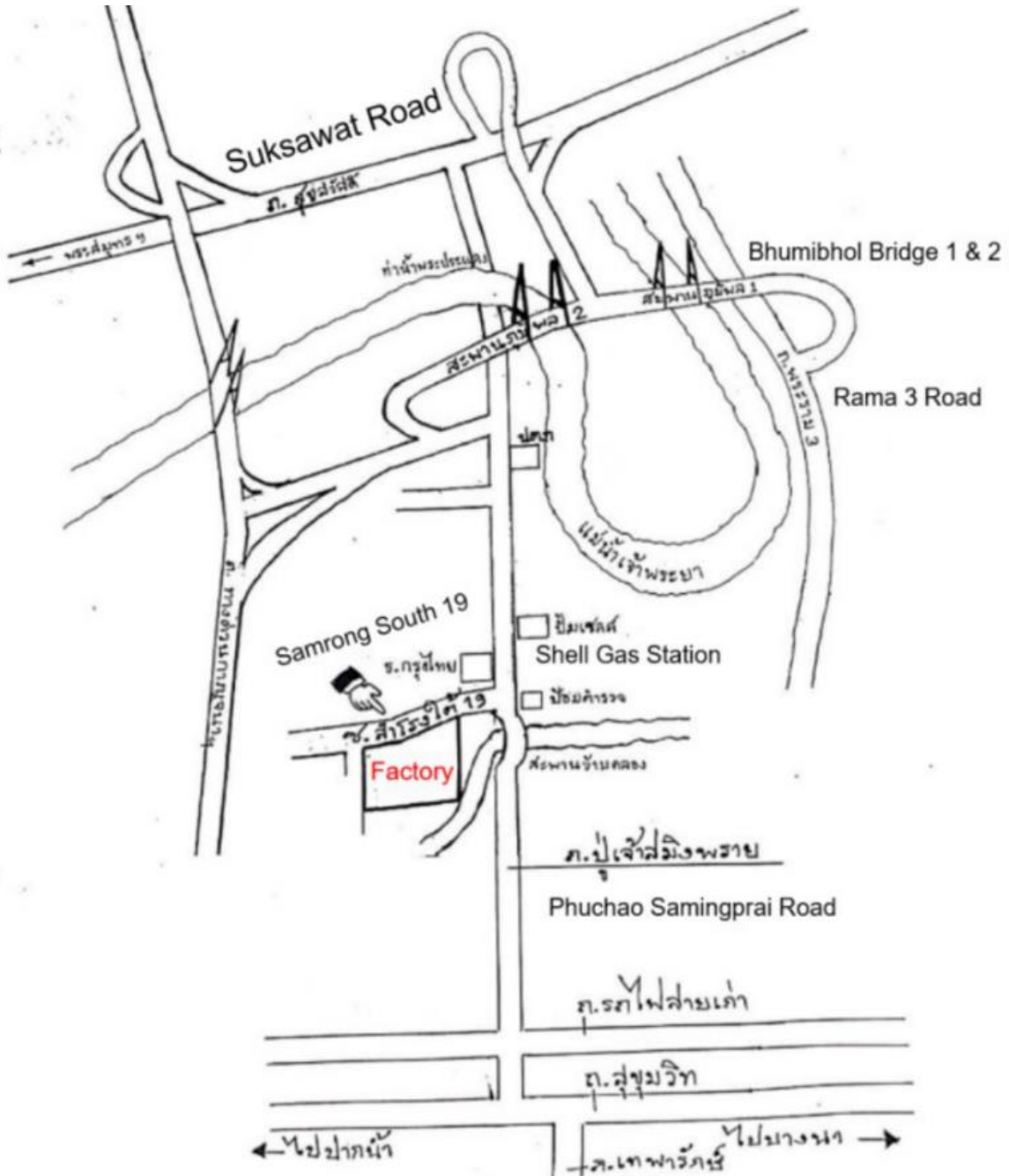


สังกะสีแผ่นเรียบ
ตราสิงห์

SIZE	Z-STD	COATING MASS g/m ²	WEIGHT / ft kg/ft	WEIGHT / M kg/M	WEIGHT / SHEET Kgs.	SHEET/PACK	LENGTH M/T
0.12x3'x6'	Z120	120	0.29878	0.9802	1.7927	1100	1020
0.15x3'x6'	Z120	120	0.36441	1.1956	2.1865	1100	836
0.19x3'x6'	Z120	120	0.45193	1.4827	2.7116	1100	674
0.20x3'x8'	Z120	120	0.47381	1.5545	3.7904	800	643
0.23x3'x8'	Z120	120	0.53944	1.7698	4.3155	1000	565
0.25x3'x8'	Z120	120	0.58320	1.9134	4.6656	800	523
0.27x3'x8'	Z120	120	0.62696	2.0569	5.0156	900	486
0.29x3'x8'	Z120	120	0.67071	2.2005	5.3657	700	454
0.30x3'x8'	Z120	120	0.69259	2.2723	5.5407	600	440
0.30x4'x8'	Z120	120	0.92346	3.0297	7.3876	600	330
0.33x3'x8'	Z180	180	0.77634	2.5471	6.2108	500	393
0.33x4'x8'	Z180	180	1.03513	3.3961	8.2810	500	294
0.35x3'x8'	Z180	180	0.82010	2.6906	6.5608	400	372
0.35x4'x8'	Z180	180	1.09347	3.5875	8.7478	700	279
0.40x3'x8'	Z180	180	0.92949	3.0495	7.4360	400	328
0.40x4'x8'	Z180	180	1.23933	4.0660	9.9146	500	246
0.43x3'x8'	Z180	180	0.99513	3.2649	7.9610	400	306
0.43x4'x8'	Z180	180	1.32684	4.3532	10.6147	400	230
0.45x3'x8'	Z180	180	1.03889	3.4084	8.3111	300	293
0.45x4'x8'	Z180	180	1.38518	4.5446	11.0815	400	220
0.50x3'x8'	Z180	180	1.14828	3.7673	9.1863	300	265
0.50x4'x8'	Z180	180	1.53104	5.0231	12.2483	400	199
0.53x3'x8'	Z220	220	1.22507	4.0192	9.8005	300	249
0.53x4'x8'	Z220	220	1.63342	5.3525	13.0674	300	187
0.55x3'x8'	Z220	220	1.26882	4.1628	10.1506	200	240
0.55x4'x8'	Z220	220	1.69176	5.5504	13.5341	300	180
0.60x3'x8'	Z220	220	1.37822	4.5217	11.0257	200	221
0.60x4'x8'	Z220	220	1.83762	6.0289	14.7010	300	166
0.66x4'x8'	Z220	220	2.01265	6.6032	16.1012	200	151
0.80x4'x8'	Z220	220	2.42105	7.9431	19.3684	300	126
0.85x4'x8'	Z220	220	2.56691	8.4216	20.5353	200	119
0.86x4'x8'	Z220	220	2.59608	8.5173	20.7687	200	117
0.90x4'x8'	Z220	220	2.71277	8.9002	21.7022	150	112
0.96x4'x8'	Z220	220	2.88780	9.4744	23.1024	150	106
1.00x3'x8'	Z220	220	2.25336	7.3929	18.0269	150	135
1.00x4'x8'	Z220	220	3.00448	9.8572	24.0359	150	101
1.10x4'x8'	Z275	275	3.31664	10.8814	26.5331	150	92
1.15x4'x8'	Z275	275	3.46250	11.3599	27.7000	150	88
1.20x4'x8'	Z275	275	3.60835	11.8384	28.8668	150	84
1.40x4'x8'	Z275	275	4.19179	13.7526	33.5343	150	73
1.50x4'x8'	Z275	275	4.48350	14.7096	35.8680	130	68
1.55x4'x8'	Z275	275	4.62936	15.1882	37.0349	100	66
1.60x4'x8'	Z275	275	4.77522	15.6667	38.2017	100	64
1.80x4'x8'	Z275	275	5.35865	17.5809	42.8692	80	57



สังกะสีแผ่นเรียบ
ตราสิงห์



Authorized Distributor

