A-1 IDENTITY AND COMMUNICATION

Please nominate a person within your company who can be contacted for the purposes of this investigation:

Head office: Feng Hsin & Steel Co., Ltd.

Name: David C. Lin Position in the company: Deputy Manager, Marketing Division II Address: 702, Chia Hou Road, Houli 421 Taichung Hsien, Taiwan R.O.C. Telephone number: 886-4-2556-5101 Ext. 2170 Facsimile number: 886-4-2557-3878 E-mail address of contact person: <u>davlin@fenghsin.com.tw</u>

Factory: Feng Hsin & Steel Co., Ltd.

Address: 702, Chia Hou Road, Houli 421 Taichung Hsien, Taiwan R.O.C. Telephone number: 886-4-2556-5101 Facsimile number: 886-4-2557-3878 E-mail address of contact person: <u>davlin@fenghsin.com.tw</u>

A-2 REPRESENTATIVE OF THE COMPANY FOR THE PURPOSE OF INVESTIGATION

If you wish to appoint a representative to assist you in this investigation, provide the following details:

ANSWER:

This question is not applicable because Feng Hsin will not appoint a representative to assist in this investigation.

A-3 COMPANY INFORMATION

1. What is the legal name of your business? What kind of entity is it (eg. company, partnership, sole trader)? Please provide details of any other business names that you use to export and/or sell goods.

ANSWER:

Feng Hsin Iron & Steel Co., Ltd. ("Feng Hsin"). Feng Hsin is a company limited by shares. Feng Hsin does not use any business name other than Feng Hsin to sell our own products.

 Who are the owners and/or principal shareholders? Provide details of shareholding percentages for joint owners and/or principal shareholders. (List all shareholders able to cast, or control the casting of, 5% or more of the maximum amount of votes that could be cast at a general meeting of your company).

Please refer to attachment A-3-2

3. If your company is a subsidiary of another company list the principal shareholders of that company.

ANSWER:

This question is not applicable because Feng Hsin is not a subsidiary of another company.

4. If your parent company is a subsidiary of another company, list the principal shareholders of that company.

ANSWER:

This question is not applicable because Feng Hsin is not a subsidiary of another company.

5. Provide a diagram showing all associated or affiliated companies and your company's place within that corporate structure.

ANSWER:

Please refer to attachment A-3-5

6. Are any management fees/corporate allocations charged to your company by your parent or related company.

ANSWER:

This question is not applicable because Feng Hsin is not a subsidiary of another company.

7. Describe the nature of your company's business. Explain whether you are a producer or manufacturer, distributor, trading company, etc.

ANSWER:

Feng Hsin is a Steel mill that produces its products from scraps. Feng Hsin purchases scrap iron for making billets which are used as input materials for manufacturing all products (including the goods) of Feng Hsin. Fen Hsin has two billet making plants and the billets used for manufacturing the PUI come from the billet making plant No. 1. Such billets are further processed at the fourth Steel Rolling Plant into the PUI. In addition to the PUI, Feng Hsin manufactures and sells bars, rebars, and various shapes of merchant bars.

8. If your business does not perform all of the following functions in relation to goods, then please provide names and addresses of the companies which perform each function:

ANSWER:

This question is not applicable because Feng Hsin does perform all of the following functions.

9 • Provide your company's internal organisation chart. Describe the functions performed by each group within the organisation.

ANSWER:

Please refer to attachment A-3-9a and A-3-9b

10. Provide a list of your business' Board of Directors, Managing Director (or CEO) and Senior Executives.

ANSWER:

Please refer to attachment A-3-10

11. Provide a copy of your most recent annual report together with any relevant brochures or pamphlets on your business activities.

ANSWER:

Please refer to attachment A-3-11

12. Are any of your company's operations in a Special Economic Area, Economic and Technical Development Zone, Bonded Zone, Export Processing Zone, High Technology Industrial Development Zone, the Western Regions, or any other similarly designated area?

ANSWER:

Feng Hsin does not operate in any of the area described above.

13. If your answer to question A-3.12 above is 'yes':

ANSWER:

This question is not applicable because Feng Hsin does not have any business operation in any of the location described above.

14. Provide details of all transactions between your company and all related parties. For example:

ANSWER:

This question is not applicable because Feng Hsin does not have any business transactions with any of the related parties.

A-4 GENERAL ACCOUNTING/ADMINISTRATION INFORMATION

.

1. Indicate your accounting period.

<u>ANSWER:</u> Feng Hsin's fiscal year is from January 1st to December 31st.

2. Indicate the address where the financial records are held.

ANSWER:

All the financial records are held at Feng Hsin. The address is at 702, Chia Hou Road, Houli 421 Taichung Hsien, Taiwan R.O.C.

3. Provide the following financial documents for the two most recently completed financial years plus all subsequent monthly, quarterly or half yearly statements:

ANSWER:

Please refer to attachment A-4-3a

- chart of accounts;
- audited consolidated and unconsolidated financial statements (including all footnotes and the auditor's opinion);
- internal financial statements, income statements (profit and loss reports), or management accounts, that are prepared and maintained in the normal course of business for the goods under investigation.
- 3. If you are not required to have the accounts audited, provide the unaudited financial statements for the two most recently completed financial years, together with your relevant taxation returns. Any subsequent monthly, quarterly or half yearly statements should also be provided.

ANSWER:

This question is not applicable because Feng Hsin is required to have the accounts audit.

4. Do your accounting practices differ in any way from the generally accepted accounting principles in your country? If so, provide details.

ANSWER:

This question is not applicable because Feng Hsin's accounting practices are in line with Taiwanese GAAP.

5. Describe:

The significant accounting policies that govern your system of accounting, in particular:

 the method of valuation for raw material, work-in-process, and finished goods inventories (eg last in first out –LIFO, first in first out- FIFO, weighted average);

Feng Hsin's uses the weighted average valuation for raw material, work-in-process and finished goods.

 costing methods, including the method (eg by tonnes, units, revenue, direct costs etc) of allocating costs shared with other goods or processes (such as front office cost, infrastructure cost etc);

ANSWER:

Feng Hsin adopts the process cost accounting system. The cost accounting system is an integral part of its financial accounting system. The common costs and expenses will be allocated to the products on the basis of output quantity.

 valuation methods for damaged or sub-standard goods generated at the various stages of production;

ANSWER:

Feng Hsin does not have a specific policy for costing damaged or sub-standard goods. Damaged goods were sold to customers as waste or reintroduced to the production process as input materials. The costs of such damaged goods are absorbed by the finished goods.

• valuation methods for scrap, by products, or joint products;

ANSWER:

There are no by-products or joint products from the production process. Scraps or damaged goods were sold as waste or reintroduced to the production process as input materials. The income generated from sales of scraps/damaged goods was recorded as the operating revenue. The cost of waste/damaged goods reintroduce to the production was the deduction of the cost of the goods sold.

• valuation and revaluation methods for fixed assets;

ANSWER:

Fixed assets are valued at the actual acquisition cost. Properties are stated at cost of cost plus appreciation, less accumulated depreciation. Depreciation is provided on cost by the straight-line method based on the useful service life of various assets.

 average useful life for each class of production equipment and depreciation method and rate used for each;

ANSWER:

The useful service life of various assets are stated in page 15 of the FY2012 financial statements in attachment A-4-3a.

treatment of foreign exchange gains and losses arising from transactions;

ANSWER:

Exchange gains and losses are generated from the use of different exchange rates in the daily bookkeeping process and the actual conversion of payment received respectively. For the sales transaction, Feng Hsin books the difference on the official exchange rates, i.e., the Customs clearance rate published by the Customs every ten days, and the bank negotiation rate.

 treatment of foreign exchange gains/losses arising from the translation of balance sheet items;

ANSWER:

The treatment of foreign exchange gains/losses explained in the answer to Question above applies to all transactions of Feng Hsin.

inclusion of general expenses and/or interest;

ANSWER:

Interest expenses incurred in the acquisition of fixed assets are capitalized into the value of these fixed assets. The general expenses were not capitalized during the period of investigation.

• provisions for bad or doubtful debts, and treatment thereof in your accounts;

ANSWER:

Allowance for doubtful accounts is estimated based on aging analysis and past experience concerning the collection of accounts.

expenses for idle equipment and/or plant shut-downs;

ANSWER:

This question is not applicable because Feng Hsin did not experience plant disclosure during the period of investigation.

costs of plant closure;

ANSWER:

This question is not applicable because Feng Hsin did not experience plant disclosure during the period of investigation.

restructuring costs;

During the period of investigation, Feng Hsin did not incur any restructuring cost.

by-products and scrap materials resulting from your company's production process; and

ANSWER:

There are no by-products or joint products from the production process. Scraps or damaged goods were sold as waste or reintroduced to the production process as input materials.

• effects of inflation on financial statement information.

ANSWER:

This question is not applicable because Feng Hsin does not show the effect of inflation on our financial statements.

6. In the event that any of the accounting methods used by your company have changed over the last two years provide an explanation of the changes, the date of change, and the reasons for it.

ANSWER:

This question is not applicable because Feng Hsin did not in any way change our accounting methods in the last two years.

A-5 INCOME STATEMENT

ANSWER:

Please refer to attachment "A-5-1"

Complete the spreadsheet entitled 'Income statement' within the HRS Exporter Questionnaire – accompanying spreadsheet provided alongside this questionnaire.

Provide the completed spreadsheet in electronic format on CD-ROM or USB (or via email) with your response. If formulas are used to calculate the field within this sheet, please ensure they remain included in the submitted version.

Explain how costs have been allocated between all products and the goods within these calculations.

This information will be used to verify the completeness of cost data that you provide in Section G. If, because of your company's structure, the allocations would not be helpful in this process, please explain why this is the case.

Note: if your financial information does not permit you to present information in accordance with this table please present the information in a form that closely matches the table.

A-6 SALES <u>ANSWER:</u> Please refer to attachment A-6-1

Complete the spreadsheet entitled 'Turnover' within the HRS Exporter Questionnaire - accompanying spreadsheet provided alongside this questionnaire.

Provide the completed spreadsheet in electronic format on CD-ROM or USB (or via email) with your response. If formulas are used to calculate the field within this sheet, please ensure they remain included in the submitted version.

In completing the sheet, use the currency in which your accounts are kept. This information will be used to verify the cost allocations to the goods in Section G. Also, you should be prepared to demonstrate that sales data shown for the goods is a complete record by linking total sales of these goods to relevant financial statements.

SECTION B - SALES TO AUSTRALIA (EXPORT PRICE)

B-1 For each customer in Australia to whom you shipped goods in the investigation period list:

ANSWER:

Feng Hsin shipped goods to following customers in Australia in the investigation period

Customer Name		
Address		
Contact Name		
Phone Number		
Trade Level	Trader	Trader

B-2 For each customer identified in B1 please provide the following information.

(a) Describe how the goods are sent to each customer in Australia, including a diagram if required.

(b) Identify each party in the distribution chain and describe the functions performed by them. Where commissions are paid indicate whether it is a pre or post exportation expense having regard to the date of sale.

ANSWER:

Feng Hsin exports of the goods to Australia were made through local customers who are trader only. All sales terms (including the selling price) were determined through case-by-case negotiations between Feng Hsin and its customers and the selling price did not vary because of the class of the customer.

(c) Explain who retains ownership of the goods at each stage of the distribution chain. In the case of delivered duty paid (DDP) sales, explain who retains ownership when the goods enter Australia.

ANSWER:

This question is not applicable because Feng Hsin only trade FOB term with above mention customers.

(d) Describe any agency or distributor agreements or other contracts entered into in relation to the Australian market (supply copy of the agreement if possible).

ANSWER:

This question is not applicable because Feng Hsin did not have any agreements or contracts with any of our customers in Australia.

(e) Explain in detail the process by which you negotiate price, receive orders, deliver, invoice and receive payment. If export prices are based on price lists supply copies of those lists.

ANSWER:

Please refer to Attachment B-2e-1 Export Sales Flowchart Process

(f) State whether your firm is related to any of its Australian customers.

Give details of any financial or other arrangements (eg free goods, rebates, or promotional subsidies) with the customers in Australia (including parties representing either your firm or the customers).

ANSWER:

This question is not applicable because Feng Hsin is not related to any of Australian customers.

(g) Details of the forward orders of the goods (include quantities, values and scheduled shipping dates).

ANSWER:

Please refer to Attachment B-2e-1 Export Sales Flowchart

B-3 Do your export selling prices vary according to the distribution channel identified? If so, provide details. Real differences in trade levels are characterised by consistent and distinct differences in functions and prices.

ANSWER:

Feng Hsin export goods to Australia were made through trader only. All sales terms (including the selling price) were determined through case-by-case negotiations between Feng Hsin and its

customers and the selling price did not vary because of the class of the customer.

B-4 Complete the spreadsheet entitled 'Australian sales' within the HRS Exporter Questionnaire – accompanying spreadsheet provided alongside this questionnaire.

ANSWER:

Please refer to Attachment B-4-1 Australia Sale

B-5 If there are any other costs, charges or expenses incurred in respect of the exports listed above which have not been identified in the table above, add a column within the 'Australian sales' spreadsheet (see "other factors" in question B-4) for each item, and provide a description of each item. For example, other selling expenses (direct or indirect) incurred in relation to the export sales to Australia.

ANSWER:

Yes, our only other expense is the trader commission, amount depends on contract negotiation.

B-6 For each type of discount, rebate, or allowance offered on export sales to Australia:

ANSWER:

This question is not applicable because Feng Hsin does not offer discount, rebate or allowance for any of our export sales.

B-7 If you have issued credit notes (directly or indirectly) to the customers in Australia, in relation to the invoices listed in the detailed transaction by transaction listing in response to question B4, provide details of each credit note if the credited amount has not been reported as a discount or rebate.

ANSWER:

This question is not applicable because Feng Hsin does not issue credit notes to customers in Australia.

B-8 If the delivery terms make you responsible for arrival of the goods at an agreed point within Australia (eg. delivered duty paid), insert additional columns in the spreadsheet for all other costs incurred. For example:

ANSWER:

This question is not applicable because Feng Hsin only trade FOB Taiwan term with above mention customers in the investigation period.

B-9 Select two shipments, in different quarters of the investigation period, and provide a complete set of all of the documentation related to the export sale. For example:

Please refer to Attachment B-9-1 complete set of export sale case 1 and sale case 2

B-10 Are your export sales of imperial or metric product (or both)? Does your selling price differ based on whether the product sold is imperial or metric product?

ANSWER:

Feng Hsin produces and exports of imperial and metric product goods. The selling price is same whether the product sold in imperial or metric.

SECTION C - EXPORTED GOODS & LIKE GOODS

C-1 Fully describe all of the goods you have exported to Australia during the investigation period. Include specification details and any technical and illustrative material that may be helpful in identifying, or classifying, the exported goods.

ANSWER:

- 1. Angle Bar : Width from 25mm~100mm and thickness from 3mm~12mm
- 2. Flat Bar : Width from 13mm~200mm and thickness from 3mm~25mm
- 3. Channel Bar : Width from 75mm~150mm and the end shapes with taper.
- 4. Round Bar : Dimension from 9mm~72mm
- 5. Square Bar : Dimension from 12mm~50mm
- 6. Specification: AS 3679.1 GR300 / JIS G3101 SS400 for all products.

C-2 List each model/type of the good exported to Australia (these models should cover all models listed in spreadsheet "Australian Sales" – See section B of this questionnaire).

ANSWER:

Please refer to attachment B-4-1

C-3 If you sell like goods (see explanation in glossary) on the domestic market, for each model/type that your company has exported to Australia during the investigation period, list the most comparable model(s) sold domestically and provide a detailed explanation of the differences where those goods sold domestically (ie. the like goods) are not identical to the goods exported to Australia.

ANSWER:

Please refer to attachment C-3-1

C-4 Please provide any technical and illustrative material that may be helpful in identifying or classifying the goods that your company sells on the domestic market.

ANSWER:

Please refer to attachment C-3-1

SECTION D - DOMESTIC SALES

D-1 Provide:

• a detailed description of your distribution channels to domestic customers, including a diagram if appropriate;

ANSWER:

Feng Hsin has about a total of 200 customers. They usually stocks up various product/size in warehouse. Customers usually don't need big quantities of one product, but smaller quantities of multiple products.

• information concerning the functions/activities performed by each party in the distribution chain;

ANSWER:

Customers usually supplies to multiple end users for the products in structural and machinery.

• a copy of any agency or distributor agreements, or contracts entered into.

ANSWER:

This question is not applicable because Feng Hsin does not have any agreements or contracts with any of our distributors.

D-2 Do your domestic selling prices vary according to the distribution channel identified? If so, provide details. Real differences in trade levels are characterised by consistent and distinct differences in functions and prices.

ANSWER:

No, Feng Hsin has the same pricing for all distributors and end users.

D-3 Explain in detail the sales process, including:

• the way in which you set the price, receive orders, make delivery, invoice and finally receive payment; and the terms of the sales; and

• whether price includes the cost of delivery to customer.

ANSWER:

Please refer to Attachment D-3-1

D-4 Complete the spreadsheet entitled 'Domestic sales' within the HRS Exporter Questionnaire – accompanying spreadsheet provided alongside this questionnaire.

ANSWER:

Please refer to Attachment D-4-1, D-4-2 & D-4-3

D-5 If there are any other costs, charges or expenses incurred in respect of the sales listed which have not been identified in the table in question D-4 above add a column for each item (see "other factors"). For example, certain other selling expenses incurred.

D-6 For each type of commission, discount, rebate, allowance offered on domestic sales of like goods:

ANSWER:

Please refer to Attachment D-6-1

D-7 Select two domestic sales, in different quarters of the investigation period, that are at the same level of trade as the export sales.

ANSWER:

Please refer to Attachment D-7-1

D-8 Are your domestic sales of imperial or metric product (or both)? Does your selling price differ based on whether the product sold is imperial or metric product?

ANSWER:

Feng Hsin only sells metric product in domestic market.

SECTION E - FAIR COMPARISON

E-1 COSTS ASSOCIATED WITH EXPORT SALES

(These cost adjustments will relate to your responses made at question B-4, 'Australian Sales')

1. Transportation

Explain how you have quantified the amount of inland transportation associated with the export sale ("Inland transportation costs"). Identify the general ledger account where the expense is located. If the amount has been determined from contractual arrangements, not from an account item, provide details and evidence of payment.

Please refer to attachment "A-4-3b" for transportation ledger account. All transportation accounts start with 6181 and are followed by three more digits that identify whether it is inland/ocean freight and product type. Please refer to attachment "A-4-3c" for accounts breakdown.

2. Handling, loading and ancillary expenses

List all charges that are included in the export price and explain how they have been quantified ("Handling, loading & ancillary expenses"). Identify the general ledger account where the expenses are located. If the amounts have been determined using actual observations, not from a relevant account item, provide details.

ANSWER:

All the export charges are located under ledger account 6184.

3. Credit

The cost of extending credit on export sales is not included in the amounts quantified at question B4. However, the Commission will examine whether a credit adjustment is warranted and determine the amount. Provide applicable interest rates over each month of the investigation period. Explain the nature of the interest rates most applicable to these export sales eg, short term borrowing in the currency concerned.

ANSWER:

This question is not applicable because Feng Hsin does not have exports on credits.

4. Packing costs

List material and labour costs associated with packing the export product. Describe how the packing method differs from sales on the domestic market, for each model. Report the amount in the listing in the column headed 'Packing'.

ANSWER:

Please refer to attachment "E-1-4" for packing cost. Feng Hsin does not differentiate domestic and export packing.

5. Commissions

For any commissions paid in relation to the export sales to Australia:

- provide a description; and
- explain the terms and conditions that must be met.

Report the amount in the sales listing in question B-4 under the column headed "Commissions". Identify the general ledger account where the expense is located.

ANSWER:

Commissions are set by contracts, and it is recorded under the 6183 ledger account.

6. Warranties, guarantees, and after sales services

List the costs incurred. Show relevant sales contracts. Show how you calculated the expenses ("Warranty & guarantee expenses" and "Technical assistance & other services"), including the basis of any allocations. Include a record of expenses incurred. Technical services include costs for the service, repair, or consultation. Where these expenses are closely related to the sales in question, an adjustment will be considered. Identify the ledger account where the expense is located.

ANSWER:

This question is not applicable because we do not offer any warranties, guarantees, or after sales services.

7. Other factors

There may be other factors for which an adjustment is required if the costs affect price comparability – these are identified in the column headed "Other factors". For example, other variable or fixed selling expenses, including salesmen's salaries, salesmen's travel expenses, advertising and promotion, samples and entertainment expenses. Your consideration of questions asked at Section G, concerning domestic and export costs, would have alerted you to such other factors.

ANSWER:

This question is not applicable because Feng Hsin does not have other factors that affect our price comparability.

8. Currency conversions

In comparing export and domestic prices a currency conversion is required. Fluctuations in exchange rates can only be taken into account when there has been a 'sustained' movement during the investigation period (see article 2.4.1 of the WTO Agreement). The purpose is to allow exporters 60 days to adjust export prices to reflect 'sustained' movements. Such a claim requires detailed information on exchange movements in your country over a long period that includes the investigation period.

ANSWER:

This question is not applicable because we do not offer any warranties, guarantees, or after sales services.

E-2 COSTS ASSOCIATED WITH DOMESTIC SALES

1. Physical characteristics

The adjustment recognises that differences such as quality, chemical composition, structure or design, mean that goods are not identical and the differences can be quantified in order to ensure fair comparison.

ANSWER:

This question is not applicable because the physical difference does not affect the cost.

2. Import charges and indirect taxes

If exports to Australia:

- are partially or fully exempt from internal taxes and duties that are borne by the like goods in domestic sales (or on the materials and components physically incorporated in the goods), or

- if such internal taxes and duties have been paid and are later remitted upon exportation to Australia; the price of like goods must be adjusted downwards by the amount of the taxes and duties.

ANSWER:

This question is not applicable because there are no import charges or indirect taxes on Feng Hsin's domestic sales.

3. Level of trade

ANSWER:

This question is not applicable because Feng Hsin treats all customers as distributors; they all have the same level of trade.

4. Credit

The cost of extending credit on domestic sales is not included in the amounts quantified at question D-4. However, the Commission will examine whether a credit adjustment is warranted and determine the amount. An adjustment for credit is to be made even if funds are not borrowed to finance the accounts receivable.

ANSWER:

This question is not applicable because Feng Hsin does not deal with credit sales.

5. Transportation

Explain how you have quantified the amount of inland transportation associated with the domestic sales ("Inland transportation Costs"). Identify the general ledger account where the expense is located. If the amount has been determined from contractual arrangements, not from an account item, provide details and evidence of payment.

Please refer to attachment "A-4-3b" for transportation ledger account. All transportation accounts start with 6181 and are followed by three more digits that identify whether it is inland/ocean freight and product type. Please refer to attachment "A-4-3c" for accounts breakdown.

6. Handling, loading and ancillary expenses

List all charges that are included in the domestic price and explain how they have been quantified ("Handling, loading and ancillary Expenses"). Identify the general ledger account where the expense is located. If the amounts have been determined using actual observations, not from a relevant account item, provide details

ANSWER:

This question is not applicable because Feng Hsin does not have any domestic handling charges.

7. Packing

List material and labour costs associated with packing the domestically sold product. Describe how the packing method differs from sales on the domestic market, for each model. Report the amount in the listing in the column headed "Packing"

ANSWER:

Please refer to attachment "E-1-4" for packing cost. Feng Hsin does not differentiate domestic and export packing.

8. Commissions

For any commissions paid in relation to the domestic sales:

ANSWER:

This question is not applicable because Feng Hsin does not have any domestic commission charges.

9. Warranties, guarantees, and after sales services

List the costs incurred. Show relevant sales contracts. Show how you calculated the expenses ("Warranty & Guarantee expenses" and "Technical assistance & other services"), including the basis of any allocations. Include a record of expenses incurred. Technical services include costs for the service, repair, or consultation. Where these expenses are closely related to the sales in question, an adjustment will be considered. Identify the ledger account where the expense is located.

ANSWER:

This question is not applicable because we do not offer any warranties, guarantees, or after sales services.

10. Other factors

There may be other factors for which an adjustment is required if the costs affect price comparability – these are identified in the column headed "Other factors". List the factors and show how each has been quantified in per unit terms.

ANSWER:

This question is not applicable because Feng Hsin does not have other factors that affect our price comparability.

E-3 DUPLICATION

In calculating the amount of the adjustments you must ensure that there is no duplication.

ANSWER:

This question is not applicable because Feng Hsin does not have any duplication amount adjustments.

SECTION F - EXPORT SALES TO COUNTRIES OTHER THAN AUSTRALIA

F-1 Complete the spreadsheet entitled 'Third country sales' within the HRS Exporter Questionnaire – accompanying spreadsheet provided alongside this questionnaire.

ANSWER:

Please refer to Attachment "F-1-1" Sales to Third Country

F-2 Please identify any differences in sales to third countries which may affect their comparison to export sales to Australia.

ANSWER:

The only difference of sales to third country is the spec of the steel grade.

SECTION G - COSTING INFORMATION AND CONSTRUCTED VALUE

G-1 PRODUCTION PROCESS AND CAPACITY

1. Describe the production process for the goods. Provide a flowchart of the process. Include details of all products manufactured using the same production facilities as those used for the goods. Also specify all scrap or by- products that result from producing the goods.

Please refer to pages 7 and 9 of Feng Hsin's brochure.

If your company manufactures/produces the steel raw material used to manufacture the goods, describe this process and provide a flowchart of this production process.

2. Complete the spreadsheet entitled 'Production' within the HRS Exporter Questionnaire – accompanying spreadsheet provided alongside this questionnaire.

ANSWER:

Please refer to attachment G-1-2

Provide the completed spreadsheet in electronic format on CD-ROM or USB (or via email) with your response. If formulas are used to calculate the field within this sheet, please ensure they remain included in the submitted version.

3. Explain whether you produce the goods and like goods (for domestic sale and export to third countries) to imperial and/or metric measurements.

ANSWER:

Feng Hsin produces the goods and like goods to imperial and metric measurements depending on the region that the products that are export to.

4. If your company manufactures/produces steel materials that are used in the production of HRS, does your company also make sales of these steel materials?

ANSWER:

Yes, Feng Hsin manufactures/produces our own billets for HRS production. However, Feng Hsin does not make sales of any of our billets.

G-2. COST ACCOUNTING PRACTICES

1. Outline the management accounting system that you maintain and explain how that cost accounting information is reconciled to your audited financial statements.

ANSWER:

Feng Hsin have CPA routine visits to reconcile all financial records.

2. Is your company's cost accounting system based on standard (budgeted) costs? State whether standard costs were used in your responses to this questionnaire. If they were state whether all variances (ie differences between standard and actual production costs) have been allocated to the goods - and describe how those variances have been allocated.

The reported cost of each product type is based on Feng Hsin's normal course of accounting records, pursuant to which the consumption of raw materials (i.e., billets) are identified for each product type using such raw materials. Other costs and expenses (including direct labor cost) which cannot be identified for each product type are allocated to the finished goods according to the output quantity. There is no significant or unusual cost variance during period of investigation.

3. Provide details of any significant or unusual cost variances that occurred during the investigation period.

ANSWER:

This question is not applicable because there were no unusual cost variances that occurred during the investigation period.

4. Describe the profit/cost centres in your company's cost accounting system.

ANSWER:

See attachment for cost centers. G-2-4. However, Feng Hsin does not have profit center.

5. For each profit/cost centre describe in detail the methods that your company normally uses to allocate costs to the goods. In particular specify how, and over what period, expenses are amortised or depreciated, and how allowances are made for capital expenditures and other development costs.

ANSWER:

Feng Hsin adopts process cost accounting system. Except for those cost elements (e.g., raw materials) which can be identitied for specific product types, the costs and factory overhead expenses (other than the electricity and oils which are allocated according to the consumption ratios) are allocated to all products according to the output quantity. The cost accounting system is an integral part of its financial accounting system.

6. Describe the level of product specificity (models, grades etc) that your company's cost accounting system records production costs.

ANSWER:

Feng Hsin's cost accounting system records production costs down to sizes of each product.

7. List and explain all production costs incurred by your company which are valued differently for cost accounting purposes than for financial accounting purposes.

ANSWER:

Feng Hsin does not differentiate between cost and financial accountings.

 State whether your company engaged in any start-up operations in relation to the goods. Describe in detail the start-up operation giving dates (actual or projected) of each stage of the start-up operation.

ANSWER:

This question is not applicable because Feng Hsin did not have any start up operations during the period of investigation.

9. State the total cost of the start-up operation and the way that your company has treated the costs of the start-up operation it its accounting records.

ANSWER:

This question is not applicable because Feng Hsin did not have any start up operations during the period of investigation.

G-3 COST TO MAKE AND SELL ON DOMESTIC MARKET

This information is relevant to testing whether domestic sales are in the ordinary course of trade.2

1. Complete the spreadsheet entitled 'Domestic CTMS' within the HRS Exporter Questionnaire – accompanying spreadsheet provided alongside this questionnaire.

ANSWER:

Please refer to attachment G-3-1

2 The Commission applies the tests set out in s.269TAAD of the Customs Act 1901 to determine whether goods are in ordinary course of trade. These provisions reflect the WTO Anti-Dumping Agreement – see Article 2.2.1.

Provide this cost data for each quarter over the investigation period. If your company calculates costs monthly, provide monthly costs.

Indicate the source of cost information (account numbers etc) and/or methods used to allocate cost to the goods. Provide documentation and worksheets supporting your calculations.

ANSWER:

Please refer to Attachment "G-3-1" for domestic quarterly cost information.

G-4 COST TO MAKE AND SELL GOODS UNDER CONSIDERATION (GOODS EXPORTED TO AUSTRALIA)

ANSWER:

Please refer to attachment G-4-1 for export quarterly cost information.

Please specify unit of currency.

ANSWER:

NTD are used in "G-3-1-" and "G-4-1"

The information is relevant to calculating the normal values based on costs. It is also relevant to calculating certain adjustments to the normal value.

G-5 Where there are cost differences between goods sold to the domestic market and those sold for export, give reasons and supporting evidence for these differences.

ANSWER:

This question is not applicable because there are no difference in cost for goods sold to the domestic and export market.

G-6 Give details and an explanation of any significant differences between the costs shown, and the costs as normally determined in accordance with your general accounting system. Reference should be made to any differences arising from movements in inventory levels and variances arising under standard costing methods.

ANSWER:

This question is not applicable because the cost shown are in line with Feng Hsin's general accounting system.

G-7 In calculating the unit cost to make and sell, provide an explanation if the allocation method used (eg number, or weight etc) to determine the unit cost differs from the prior practice of your company.

ANSWER:

This question is not applicable because Feng Hsin has not changed way to calculate the unit cost to make and sell.

G-8 List major raw material costs, which individually account for 10% or more of the total production cost.

ANSWER:

Feng Hsin also produces billets. Billets accounts for **second** of the production cost in all of Feng Hsin's finished products.

For these major inputs:

· identify materials sourced in-house and from associated entities;

This question is not applicable because Feng Hsin does not have any materials sourced inhouse or from any associated entities.

identify the supplier; and

ANSWER:

This question is not applicable because Feng Hsin produces our own billets, which are used to roll all our products.

show the basis of valuing the major raw materials in the costs of production you have shown for the goods (eg market prices, transfer prices, or actual cost of production).

ANSWER:

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The reported cost of each product type is based on Feng Hsin's normal course of accounting records, pursuant to which the consumption of raw materials (i.e., billets) are identified for each product type using such raw materials. Other costs and expenses (including direct labor cost) which cannot be identified for each product type are allocated to the finished goods according to the output quantity.

SECTION H - EXPORTER/PRODUCER'S DECLARATION

I hereby declare that Feng Hsin Iron & Steel Co., Ltd. did, during the investigation period export the goods and have completed the attached questionnaire and, having made due inquiry, certify that the information contained in this submission is complete and correct to the best of my knowledge and belief.

or

I hereby declare that Feng Hsin Iron & Steel Co., Ltd. did, during the investigation period, produce the goods which were exported to Australia by another company and have completed the attached questionnaire and, having made due inquiry, certify that the information contained in this submission is complete and correct to the best of my knowledge and belief.

Name : David C. Lin Signature

Position in Company : Deputy Manager, Marketing Division II Date : December 13, 2013



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(identify which version - see 'BACKGROUND AND GENERAL INSTRUCTIONS' POINT 6)

SECTION LECHECKLIST

This section is an aid to ensure that you have completed all sections of this questionnaire.

Section	Pleasettick fryou have a surresponded to all second secon
Section A – general information	
Section B – export price	L. L
Section C – like goods Section D – domestic price	
Section E – fair comparison	
Section F – exports to third countries	₽∕
Section G – costing information	<u> </u>
Section H – declaration	

	Please tick if you have a
	provided spreads neeting
	LR
TURNOVER sales summary	
AUSTRALIAN SALES - list of sales to	5
Australia	
LIKE GOODS - comparison between	
export and domestic goods sold	
DOMESTIC SALES - list of all	
domestic sales of like goods	
THIRD COUNTRY - third country	EV.
sales	LT
PRODUCTION – production figures	₽́
DOMESTIC CTMS – cost to make and	5
sell domestic goods	<u>لکا</u>
AUSTRALIAN CTMS - cost to make	
and sell goods sold to Australia	

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Attachment A-3-2

List of Major Shareholders

No.	Name of Shareholder	Activity of Shareholder	Percentage of share holding
- 1	Cathy Life Insurance Co. Ltd	Insurance Company	4.05%
2	Ming-Be, Lin	Individual	3.51%
3	Ming-Ru, Lin	Individual	3.17%
4	Fung-So Investment Co. Ltd	Investment Company	3.13%
5	Wen-Fu, Lin	Individual	2.79%
6	Jen-Chen, Yang	Individual	2.60%
7	Chin-Lin, Chung	Individual	2.54%
8	San-Ping, Lai	Individual	2.27%
9	Chao-Chuang, Chung	Individual	1.99%
10	Shin Kong Life Insurance Co., Ltd	Insurance Company	1.92%
Total			27.97%

Attachment A-3-5

Non-Confidential

Affiliated Companies Diagram



Attachment A-3-9a

Non-Confidential





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Function of Performing in Organisation

Organization/Department	General Responsibility
President's office	Responsible for implementation of audit, personnel, information, CWQC (training, project improvement, proposal improvement, autonomous management, target management) tasks and other relating planning and analysis items.
Finance Division	Review, instruction and supervision of relevant tasks of personnel employment, planning, development, and relationships. Preparing and modification of the accounting system.
MIS Division	In charge of planning and management of overall computerization of the company. Assist in promotion of computerization of relevant tasks; assist user departments in training for on-line operation.
First Sales Division	Domestic Shape Steel Sales. Contract review, handling of product plaint/compensation issues, market information collection and analysis. Customer Service
Second Sales Division	Raw material (steel billet and iron scraps) procurement, hosting supplier management and evaluation for steel refinery raw materials. Contract review, handling of product plaint/compensation issues, market information collection and analysis.
Third Sales Division	Domestic Bar Sales Contract review, handling of product plaint/compensation issues, market information collection and analysis.

第1頁,共3頁

Attachment A-3-9b

Non-Confidential

	Customer Service
Warehouse Division	Inspection and acceptance of steel refinery materials, finished goods warehousing management, inspection and acceptance of steel refinery raw materials (iron scraps). Assist the Purchase Department on evaluation of raw material/material suppliers.
Purchase Division	Purchase of qualified steel refinery materials, hosting evaluation of material suppliers.
Environment Safety Division	Establish a safe, healthy and efficiency- effective working place.
Metallurgy R&D Division	Compilation of Quality Manual. Quality validation of new products, setup and maintenance of product specifications. Audit of Quality Management System and products, off-line inspection and tests of product physical properties. Acceptance inspection and quality evaluation of outsourced steel billets, chemical and physical properties inspection of raw materials. Periodical calibration and control of inspection facilities and instruments. Endeavors to quality improvement, coordinate relevant units for resolving quality issues. Promotion and maintenance of certification of product quality and Quality Management System. Quality investigation of customer complaints/compensation, follow-up of operation improvements
E&M Facilities Division	Verification of equipment capacity, participation in improvement of broken equipment, programmable controller computerization and software/hardware integration.
First and Refinery Plants	QC of self-made steel billets, corrective measures for quality handling abnormities of steel billets.

第2頁,共3頁

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Attachment A-3-9b

Non-Confidential

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First Steel Rolling Plant	On-site product quality inspection, handling quality abnormity issues and corrective measures, process capacity analysis of products.
Second Steel Refinery Plants	QC of self-made steel billets, corrective measures for quality handling abnormities of steel billets.
Second Steel Rolling Plant	Detection and polish of surface defects of steel billets, on-site product quality inspection tasks. Handling quality abnormity issues and corrective measures, process capacity analysis of products.
Steel Refinery Maintenance Division	Planning, design, review and construction of steel refinery equipment, compilation of specifications.

第3頁,共3頁

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Attachment A-3-10

Non-Confidential

Board of Director

Description	Name	Job
Board of Directior	Ming-Ru, Lin	Company President
Board of Directior	Cho-Huang, Lin	
Board of Directior	Mu-Ze, Chen	General Manager
Board of Directior	Wen-Fu, Lin	
Board of Directior	San-Ping, Lai	Vice General Manager- Procurement
Board of Directior	Kun-Tan, Lin	
Board of Directior	Ming-Be, Lin	Vice General Manager- Marketing









HONEST MANAGEMENT & STABLE GROWTH

卓越的誠信之風 Distinguished fame of sincerity

企業或就驗證 40 餘年的級儒堅持,無論在人力。"源的實徹與組織發展,皆願示出戰與調磁聚優異的威德國範 Distinguished fame of sincerity: Sincere adherence to business achievement and certification for more than 40 years, either in implementation of human resources or in organizational development, we can exhibit the sincerity of Feng Hsin Iron & Steel.

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紮實的經營之果 Sound Operation Performance

與時價進的奠品多元化產錢,是鑒圓持續起來的目標。

Steel products advancing with time, and multiple-faceted production and sales are the goal sought after by Feng Hsin at all times.

12

品質的穩健之道 Road of consistent quality

調動未來的研究發展, 換這求保品資保達能的全面局保放量, 四十年來如一日,以贏得廣大市場的循額。 Driving inture research and development, and seeking full-faceted quality assurance for the past years have won reliance on the markets.

16

PAGE.

永續的創新之心 Sustainable heart of innovation 全面的前間示來, 把持示不停止的刻新, 四接各面的挑戰,

Full-faceted prospective of the future, adherence to sustainable innovation, to meet all challenges.







規模完善而厚實

豐興鋼鐵在產能利用與產銷效益上、皆務實而專注的經 營,是一具備一定規模的鋼鐵製造的生產專業。

發展不懈而宏遠

董事長林明儒先生秉持創辦人林文實先生的經營理念與 創業精神,無論在人力培育與創新研究發展,皆已融入 企業文化,完整的經營力纖效與豐碩企業歷程可從以下 歷年重要專購與沿革看出。

Fame of Sincerity

Both in utilization of production capacity and production/sales effects, Feng Hsin Iron & Steel is dedicated to practical and devoted business operation. We are well organized manufacturers of iron and steel products, aiming at sustainable and long-term development.

Mr. Lin Mark, Chairman of Board, adheres to the business operational principles and business founding spirit of founder Mr. Lin Wen-Kuei, and has integrated cultivation of manpower and innovated research and development in the company's enterprise culture, with complete business operational performance and rich business experience that can be evidenced in the following records of important chronological events and vicissitudes.

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第 盛 握
Fame of Sincerity

Company Profile & History 公司概要及沿軍

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所在地	台中市后里區	Location : Houli, Taichung, Taiwan
員工人数	約 720 人	Number of Employees : About 720
1969.01	公司登記成立	Company founded.
1970.10	第一軋鋼廠開工生產(1996.12 停止生產)	The No. 1 rolling mill started production.
		(In 1996.12 stopped production.)
1971.10	煉鋼一覇A盧開工生産(2006.11 停止生産)	The No. 1 steelmaking shop A arc furnace started production.
		(In 2006.11 stopped production.)
1979.10	燥鋼一範 B 壚鹅工生產(2006.11 停止生產)	The No. 1 steelmaking shop B arc furnace started production.
		(In 2006.11 stopped production.)
1979.10	角鋼工場開工生產	The angle bar rolling mill started production.
	(1992.2 角鋼工場改造為鋼筋工場)	(In 1999.2 rolling mill reconstructed into rebar rolling mill.)
1989.06	條線工場間工生產	The bar & rod rolling mill started production.
1992.05	股票在台灣醫券交易所正式掛牌上市	Stocks public listed on the Taiwan Stock Exchange.
1993.11	握日本國通產商承認國筋及價紙構造用鋼為	Received Japanese JIS Accreditation approval for rebar and carbon steel
	日本工業規格標記(JIS MARK) 産品	bar for machine structure use.
1996.03	獲經濟部商品檢驗局額發	Registered at Bureau of Standard, Metrology and Inspection (BSMI)
	「國際標準品質保證制度認可受詳證明書」	Ministry of Economic Affair, R.O.C. of ISO9002/CN512682.
1996.03	型鋼工場開工生產	The shapes rolling mill started production.
1996.11	煉鋼二廠開工生產	The No. 2 steelmaking shop started production.
2000.08	通過台灣檢驗科技股份有限公 司(5G5)	Approval from SGS Taiwan Ltd. of
	環境管理系統 ISO14001 認證	ISO 14001 Environmental Management System.
2002.06	獲標準接驗層 2000 年版	Received 1509001Year 2000 edition at B5MI, Ministry of
	國際品保制度(ISO 9001)認協通過	Economic Affair R.O.C.
2005.12	通過台灣檢驗科技股份有限公司(SGS)	Approval from SGS Taywan Ltd. of OH5AS 18001 Occupational Health and
	羅業安全衛生管系統 OHSAS 18001 認語	Safety Management System.
2006.11	煉鋼一廠新爐開工生產	The No. 1 steelmaking shop new arc furnace started production.
2007.09	小型開墾工場開工生產	The light profile plant started production.
2008.03	熱軋構造用襯榨鎬、方鍋、角圓、扁圓及櫃鋼預	CE MARK certification for round bar steel, square steel, angle steel,
	歌歌歌音通過(CE MARK),	flat steel and trough steel for hot rolling structures
2008,05	一般構造用調、機械構造用碳素鋼及鋼筋麵	Our steel for general structures, carbon steel for machine structures and
	日本品質保證機構 (JQA) 承認為新 JIS MARK 產品	rebars acknowledged as new Japanese JIS Accreditation approval for
		products by Japanese quality assurance agency JQA.
2008.11	「鋼筋工場大尺寸團棒、大尺寸羼鍋生產線」	" Steel bar workshop large dimension round bars, large dimension flat
	完工運費	steel production line * completed for regular operation.
2009.01	取得 SGS 之 TOSHMS:2007	Obtained certificate of certification for * Taiwan Vocational Safety
	「豊津職業安全衛生管理系統」職超提書・	& Health Management System " TOSHM:2007 of SGS
	A MARKET AND A MARKET	

FENG HSIN IRON & STEEL CO., LTD.

4 page.

之虱



電子商務

為滿足市場即時需求,豐興調鐵建構了銷售電子商 務系統,以高效率的資訊平台強化客戶庫接下單及 出貨的便利性。

Electronic Commerce

To satisfy market demand, Feng Hsin Iron & Steel has built up a sales electronic commerce system, providing a high efficiency platform to step up customer's direct placing of orders and convenient shipment.



紮實的/

Sound Operation Performance



與時俱進的調品多元化產銷, 是豐興持續追求的目標。

Steet products advancing with time, and multiplefaceted production and sales are the goat sought? after by Feng Hsin at all times.





地洞设的·皮尔

豐興鋼鐵擁有先進的煉鋼技術和設備可提供客製化鋼種・ 煉鋼廠主要以廠鋼為原料,結合高效能的電弧爐設備,將 廢鋼熔解成鋼液並去除雜賞,進行精煉調整成份及連續鑄 造,透過資源回收再利用的實際行動實現環保理念。

Steel Robing Equipment and Production

Feng Hsin Iron & Steel has advanced steel refining technology and equipment to provide customized steel products. The steelmaking shop uses steel scrap as material, which is melted in high performance electric arc equipment to become liquid steel, then, extraneous matters are removed for subsequent adjustment of the ingredients, refinery and casting process. We adopt practical actions by recycling and reusing resources to fulfill the conviction of environmental protection.



PAGE.

Operation Performance

Steelmaking Shop Equipment 煉鋼設備與數量

/ /\\$	翻打	雨	譑機(4	猫)	Cont	ากมากเ	is cast	ing	ы	let	mac	hin	e 4	st	'an	ds			 ۰.				2 ∉
70	нй.	LF	犞娻揻	70 M	T ladi	e furr	nace		• •			• • •						• •	 				1台
85	毈	LF	精煉爐	85 M	T ladi	e furi	nace	۰.		• • •			• -	• •					 - •				1台
70	頥	AC	電弧爐	70 N	IT AC a	arc fu	imace	· ·	••	· · •	• •	•••	••		••		•••	• •	 ۰.	• •		• •	1 栏
85	鬫	DC	電弧爐	85 N	AT DC	arc fi	irnace	• •	• •	• • •	••			· •		,	•••		 - •	• •	· •	••	1台

Billet size and Length 小鋼胚尺寸及長度

150 方胚 x 12 米 150 square x 12 meter 160 方胚 X 6 米 · 12 米 160 square x 6 meter, 12 meter



FENG HSIN IRON & STEEL CO., LTD.

豐興鋼鐵擁有完善的軋錫技術和設備,軋鋼機以垂直水 平直列式排列,設備配備流暢,線上設有精密軋延機及 自動尺寸量測機,隨時監控尺寸精度。目前擁有三座軋 鋼工場可配合市場需求彈性調整產品組合,鋼種、形 狀、尺寸、長度貨色齊全,交貨準時,



Rolling Equipment of Active schage

Feng Hsin Iron & Steel has complete steel rolling technology and equipment. Rolling machines are arranged in vertical and horizontal alignment, equipment layout is well organized without interruption. Our production line is equipped with precision rolling machines and automatic dimension measuring machines for ready monitoring of dimensions and precision at all times. At present, we have three rolling workshops to meet market demands by flexible adjustment of product combinations, type of steel, shape, dimension, length, etc. We have complete assortment of products and our delivery is punctual.







Straight Bar Products 直棒盤元製品

依市場需求提供容製化鋼種及尺寸,產品主要提供螺絲螺槽、機械零件、磨光 棒、手工具製造等產業加工使用。供應鋼種包括建築結構用鋼、冷打用鋁矽脫 氧鋼、冷打用鋁脫氧鋼、機械結構用鋼、低合金結構用鋼及高碳鋼。

We provide customized steel products and dimensions to meet market demand. Provided products include mainly screws, nuts, machine parts, polishing bars, hand tool production, etc. for industrial machining. We supply steel products including steel for building structure, aluminum-silicone killed steel for cold heading, aluminum killed steel for cold heading, structural steel for machines, low-alloy structural steel and high carbon steel.





鋼筋 Rebar

直條、盤元(捲狀)和光面鋼筋一應俱全, 且尺寸從 D10 至 D57 應有盡有, CNS 規範(SD280 / SD280W / SD420 / SD420W / SD490)、 JIS 規範(SD295A, SD295B, SD390, SD490)或 ASTM 規範(A615 GR40 / GR60 及 A706)均可供應。

Feng Hsin products include plain round bar and deformed bar in straight and coil forms have variety of size range to choose from D10 to D57. Besides, Feng Hisn can supply both in CNS sepc. (SD280, SD420...) JIS spec. (SD295A, SD295B, SD390, SD490.), or ASTM spec. (A615 Gr40, Gr60, and A706...) for customers, too.

型鋼 Section steel

型調產品種類齊全,廣泛供應建築、輪電鐵塔、構樑、格欄板、機械組立等承重結構用鋼材。供應範層涵蓋 SS400/SN 490B/A36/A572/S275/S355 等鋼種。

Section steel mainly supply for civil construction, structural uses power transmission towers, bridge intrustru Industrial plant construction, such as grating and mechanical assembly. The supply of the steel to steel to stat SS400/SN4908/A36/A572/S275/S355



Road of Consistent Quality

驅動未來的研究發展。與追求品質保產能的全面品保政 四十年來如一日。以贏得廣大市場的信頼。 Driving future research and developments and seering future research and developments and



ISO 9001 BSMI

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REGISTERED



優異的品保流程及管控,先後取得JIS、ISO、 CE→ TAF 及輻射偵檢合格等各類認證

Operator (2006) Algebra

Distinguished quality assurance flow and control have won international certifications, including JIS, ISO, CE, TAF and radiation detection qualification.

Quality Assurance 質保證

ISO 9001 認證工廠

12.12 沙道

ISO 9001 certificate from Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs R.O.C.

標準檢驗局正字標記工廠

CNS certificate from Bureau of Standards, Metrology and Inspection, Ministry of Economic Alfairs R.O.C.

調筋混凝土用鋼筋試驗獨TAF實驗室認證通過

TAF certificate for construction engineering testing of rebar.

碳鋼低合金鋼化學成份分析獲TAF實驗室認證通過

TAF certificate for chemical testing of carbon steel and low alloy steel.

鋼筋、機械構造用碳素鋼及一般構造用鋼運新JIS MARK認證

JIS certificate for rebar and carbon steel for machine structure steel and rolled steel for the general structure.

熱軋構造用圖棒鋼、方鋼、角鋼、開鋼及槽鋼獲歐盟認證通過(CE MARK)

CE MARK certification for round bar steel, square steel, angle steel, flat steel and trough steel for hot rolling structures



Road of Consistent Quality

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為提升技術及品質·豐興鋼搬逐步建構先進的實驗室, 時透過各項實驗及教育訓練,不斷開發新產品技術並引進和 密的檢驗設備進行全面品管確保產品品質。

To upgrade technology and quality, Feng Hsin Iron & Steel has built our advanced laboratory step by step. Through various lab tests and educational training programs on a regular basis, we have continually developed new products and introduced precision inspection equipment to conduct full-faceted quality control to ensure product quality.

本·以品質為命紙</sub>Technology is Our Basis Quality is Our Lifeline



A



PAGE. 15 豐興銅鐵戰防噴服公司

· 通道/意味/· 茲茲

不可以在這些視時,且在這些意味時上的時間上的心理的185萬

ารกันสะนักการทุนสายมอกการสายที่สุดที่ได้หมด แต่มีสายมากสายให้หมู่ในเป็นที่วิถามการแต่หมู่สุด





環保、工安、社會責任

合計區內 양保主는 경망되는 김선국이

豐興鋼鐵秉持「好鄰居」哲學之環保理念,投入鉅額經費購圖污染防治 設備於生產流程中,廠區內設圖有完善之集屬設備、廢水回收處理設 備、隔書牆、掃街車、爐渣車等設備,此外更長期進行全廠綠化工 作,以期善盡企業之社會責任。 1996 年更榮預行政院環保署評鑑為全 國十大環保特優工廠。

董事長林明儒先生長期擔任后里鄕環保義工中隊長,帶領三百多位環保 義工維護全鄕環境,社絶社區髒亂,並給予經費上相當大的支持,堪稱 鋼鐵業界的環保尖兵。

Environmental Protection Labor Safety Social Responsibility

Ringan partik etnes in Mendan din Bussian tu. Busiamushik shiwalan mulakashi kewanya ku etnin Dua perdok si in sekretabi si.

Based on the "Good Neighbor" philosophy of environmental protection, Feng Hsin iron & Steel invests huge sums of money in the purchase of pollution control equipment and their installation in the production flow. On the factory premises, there proper installation of dust collection equipment, wastewater recycling and treatment equipment, sound insulation wall, street sweeping truck, slag truck, etc. In addition to that, we have been conducting greening campaign for the entire factory on a permanent basis, to fulfill our Corporate Social Responsibility (CSR). In 1996, we were awarded a medal of National Top-10 Excellence in Environmental Protection by Environmental Protection Administration of the Executive Yuan.

For many years, Chairman of Board, Mr. Lin Mark, has been servicing as chief of the volunteer environmental protection squadron of Houli Village, leading more than 300 environmental protection volunteers to maintain the environment of the entire village, keeping the village a clean community. By sponsoring the community with substantial funds, he is highly acclaimed as an environmental protection pioneer in steelinanufacturing circles.

/ 豐厚與飲服仍有限公

PAGE.

Heart of Innovation



進年來致力於環保推廣及工安落實,成效卓著

For years we have been dedicated to the promotion of environmental protection and implementation of labor safety with outstanding records.

1988.11	環保署頒發防治工業污染網份顧商委
	Awarded a medal of Excellence in Industrial Pollution Control performance by the Environmental Protection Administration
1990.11	環保審頑發筋治工業污染續儽廠商獎
	Awarded a medal of Excellence in Industrial Pollution Control performance by the Environmental Protection Administration
1990.11	全臟工業總會頒發防治工來污染獎
	Awarded a Medal of Industrial Pollution Control by Chinese National Federation of Industries
1995.06	經濟部滑發節約能源攝廣譯
	Awarded a medal of excellence for Energy Saving Performance by the Ministry of Economic Affairs
1996.10	驖 保覆顏 斂污染防治評鑑特 腸 工廠獎
	Awarded a medal of Outstanding Factory in Assessment of Pollution Control by the Environmental Protection Administration
1997.12	獲勞委會頒發「安全衛生自動檢查機反單位與」
	Awarded "Medal of Excellence in Safety & Health Autonomic Inspection" by the Labor Commission
1998.01	獹 鱱攕公畲 鑇發「職業災害預防及安全衛生管理觀摩單位」獎項
	Awarded a medal for ""Model of Occupational Hazard Prevention and Safety & Health Management" by the Steel Guild
1998.08	握經濟部頭登「醋約能源構優獎率優等獎」
	Awarded Medal of Excellence for Energy Saving Performance * by the Ministry of Economic Affairs
2000.08	通過台灣樹驗科技股份有限公司(SGS) 環境管理系統 ISO 14001 總證
	Passed certification of Environment Management System ISO 14001 by SGS Talwan
2005.12	通過台灣檢驗科技設份有限公司 (SCS) 職業安全衛生管理系統 OHSAS 18001 認證
	Passed certification of Occupational Health and Safety Administration System (OHSAS) 18001 by 565 Taiwan
2006.06	與勞委會締結「安全伙伴」關係
	Joined with Labor Commission in a relationship of "safety partnership"
2007.11	梷 瓑工 뷏祠產端自巅性邈窦氣馪排放液量積盛廢潤
	Awarded a medal of Excellence in Manufacturer's Voluntary Reduction of Greenhouse Gas Emission by the Industrial Development Bureau
2009.01	取得「臺灣職業安全衛生管理系統」(TOSHMS)驗閱證書
	Obtained certification of Talwan Occupational Safety and Health Management System (TOSHMS)





豐興銅鐵股份有限公司 FENG HSIN IRON & STEEL CO., LTD.

總公司

TEL:04-25565101 FAX:04-25565110 42151 台中市后里區甲后路 702號 702, Chia Hou Road, Houdi, Taichang, Taiwan R.O.C. MAH::servicea:fenglisin.com tw

台北辦事處

TFE:02-25613611 FAX:02-25636092 (0450 台北市市山區中山北路三段27巷22號 No.22, En. 27, Sec. 2, Zhongshan N. Rd., Zhongshan Dist., Taipei City 104, Taiwan (R.O.C.)











豐興銅鐵股份方限公司 FENG HSIN IRON & STEEL CO., LTD.







本產品手冊僅供參考,規格部份請以各規格協會出版之規格書為準。
The contents of this catalog are for reference only. Customers are urged to consult the specifications published by the corresponding Associations.

二、本手冊中可產製規格、訂貨需註明事預、標記及包裝之內容以本公司實際生產狀況為準。訂貨前,可產製產 品規格與尺寸請與各營業處確認詳細狀況。

Information on the available steel grades, sizes and marking as shown herein may be updated without notice to comply with actual production situations. Before placing an order, please confirm with the sales office the dimensions and specifications of products that can be produced.

三、您如未能於手冊內導得所需之鋼料規格、或有任何關於鋼料規格、鋼材之最小訂購量及交貨期之詢問,請逐 向下列單位洽詢,

We encourage you to contact our Head Office should you have any questions concerning steel specifications and/or ordering requirements. Phone numbers are listed below for your convenience.

1. 訂交貨 (ORDER)

產品(PRODU	CT)	銷售課(MARKETING SECTION)			
一般結構用 [GENERAL STRUCTURE]	證择調 (ROUND BAR) 等違角續 (EQUAL ANGLE) 很到 (CHANNEL) 万鎭 (SQUARE) 篇額	登業一路(MARKETING DEPARTMENT I) 型鋼一課(SECTION STEEL MARKETING I) TEL: (04)25565101 EXT.2171~2175 型鋼工課(SECTION STEEL MARKETING II) TEL: (04)25565101 EXT.2176~2179			
調筋混凝土用鋼 【CONCRETE REINFORCE	(FLAI) 版 EMENT BAR)	ソ業三處(MARKETING DEPARTMENT III) 資源消貨時(REBAR MARKETING SECTION) TEL = (04)25565101 EXT.2181~2184 北國講師捐題環(NORTHERN AREA REBAR MARKETING SECTION) TEL = (02)25613611			
特殊鋼(SPECIAL 6 冷鍛(打)用 (COLD FORGING (HEADING)) 熱節用 [HOT FORGING] 機械碼造用 [MACHINE STRUCTURE] 弱切削 [FREE CUTTING)	BAR) 運爆鋼 (ROUND BAR) 腐鍵 (FLAT) 万鋼 (SQUARE)	營業三處(MARKETING DEPARTMENT III) 係線銷售課(SPECIAL BAR MARKETING SECTION) TEL:(04)25565101 EXT.2164~2169			
外銷 〔EXPORT OF ALL ABOVE	PRODUCTS)	SR東二彦 (MARKETING DEPARTMENT U) 図外課 (EXPORT MARKETING) TEL: (04)25565101 EXT.2150-2153			

註:即時可供無網種及尺寸資訊意識結果豐斯網站[http://www.fenghsin.com.tw)

2.鋼料規格(SPECIFICATION)

冶金研發處(METALLURGY RESEARCH & DEVELOPMENT DEPARTMENT) 品質保證課(QUALITY ASSURRANCE SECTION): (04)25565101 EXT.2221.2222,2351

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7.品保窗續 (QA)





1.1可產製尺寸(Available Sizes)								
· · · · · · · · · · · · · · · · · · ·	直樺鶴(Straight Bar)	氆狀棒鋼(Bar in Coil)						
直徑 (D)	9.0-150mm	13-42mm						
盤元内徑(I.D.)	anter u chi-	950mm						
盤元外徑(O.D.)		1250mm						
直捧畏度(L)	5-12m	Links futures						
eneren anderen ander	9.0-9.5mm ≒ 1,200kg							
已宏風軍(Weight)	11-150mm = 1,500-2,700kg	13-42mm≒1,500-2,000kg						
盤惓方向(Coiling Direction)		顧時針万回(Clockwise)						

Ц

1.2可產製鋼種(Available Grades)	

	常村 (服) 樹師 (Carbon Steets for Cold Heading (Forging))	機械構造機師 (Carbon Steels for Machine Structural Use)	機械構圖會金额 (Low Alloy Steels for Machine Structural Use)	決評選 (Free Cutting Carbon Steels)	一般結構回鎖 (Rolled Steel for General Structure)
CNS	8694 SWRCH8A~SWRCH22A	8694 3828 SWRCH8A~SWRCH22A \$10C~\$58C		4004 SUM23, SUM24L	2473 SS330~SS540
JIS	G3507 SWRCH8A-SWRCH22A	G4051 \$10C~\$58C	G4053 SNCM220 G4053 SCM415~SCM440	G4804 SUM23, SUM24L	G3101 SS330~SS540
F.H. SPEC	1008~1060	, 1541	8620	1141, 12L14	_
ASTM			_	-	A570, A572, A36 A709
F.H. SPEC	10B21, 1040ACR, 1040ACRM, 50BV30	10B21, 1040ACR, 1015S1, 1045S1, 1040ACRM, 50BV30 1015S2, 1021MN		1215MS	TC275
EN 10025-2	-			-	S235JR, S235J0 S235J2, S275JR S275J0, S275J2 S355JR, S355J0 S355J2, S355K2
AS 3679.1	Name of the second	_	-		GR300

15.00



1.3 JIS與SAE化學成份參考表(Chemical Requirements)

.

	種類記號				行型	成分(Compo	sition .	, %				
	(Symbol)	0	Si	Min	P	S	NI	Cr	Mo	AL	Cu	₽b	
	SWRCH8R	0.10 max	-	0.60 max	0.040 max	0.040 max	-	-	•	-	-	+	
	SWRCH10R	0.08- 0.13	-	0. 30- 0.60	0.040 max	0.040 max	-	-	-	-	-	-	
	SWRCH8A	0.10 max	0.10 max	0.60 max	0.030 max	0.035 max	-	-	-	0.020 min	-	-	
	SWRCH10A	0,08- 0.13	0,10 max	0.30- 0.60	0.030 max	0.035 max	-	-	-	0.020 min	-	-	
	SWRCH15A	0.13- 0.18	0.10 max	0.30- 0.60	0.030 max	0.035 max	-	-	-	0.020 min	-	-	
	\$15C	0.13 0.18	0.15 0.35	0.30- 0.60	0.030 max	0.035 max		5		<u>.</u>		•	
日本	S35C	0.32- 0.38	0.15- 0.35	0.60- 0.90	0.030 max	0.035 max		C		0.20% ma			
工業	S45C	0.42 0.48	0.15- 0.35	0.60- 0.90	0.030 max	0.035 max		Ni Cr		0.20%ma	IX IX		
標準し	S50C	0.47- 0.53	0.15- 0.35	0.60- 0.90	0.030 max	0.035 max		Ni÷	Cr	0.35%max			
- 57	\$55C	0.52- 0.58	0.15- 0.35	0.60- 0.90	0.030 max	0.035 max							
	SUM23	0.09 max	-	0.75- 1.05	0.040- 0.090	0.26- 0.35	7	-	-	-	-	-	
	SUM24L	0.15 max	-	0.85- 1.15	0.040- 0.090	0.26- 0.35	-	-	-	-	-	0.10- 0.35	
	SCM415	0,13- 0.18	0.15- 0.35	0.60- 0.90	0.030 max	0.030 max	0.25 max	0.90- 0.15- 1.20 0.25		-	0.30 max	-	
	SCM435	0.33- 0.38	0.15- 0.35	0.60- 0.90	0.030 max	0.030 max	0.25 max	0.90- 0. 1.20 0		0.30 max		-	
	SCM440	0.38- 0.43	0.15- 0.35	0.60- 0.90	0.030 max	0.030 max	0.25 max	0.90- 1.20	0,15- 0.30	-	0.30 max	-	
	SNCM220	0.17- 0.23	0.15- 0.35	0.6⁄0- 0.90	0,030 mex	0.030 max	0,40 . 0,70	0.40- 0.60	0.15- 0.25	-	0.30 max	-	
	1008	0.10 max	^	0.30- 0.50	0,030 max	0.050 max		-	-	-	-	-	
	1010	0.08- 0.13	-	0.30- 0.60	0.030 mex	0.050 max	-	-	-	-	-	-	
	1D15	0.13- 0.18		0.30- 0.60	0.030 max	0.050 max	-	-	~	-	-	-	
	1D21	0.18- 0.23	-	0.60- 0.90	0.030 max	0.050 max	-	-	•	-	-		
美丽	1026	0.22- 0.28	-	0.60- 0.90	0.030 max	0.050 max	-	-	•	÷	-		
河田	1035	0.32- 0.38	-	0.60- 0.90	0.030 max	0.050 max	-	•	•	•	•	•	
工程	1045	0.43- 0.50		0.60- 0.90	0.030 max	0.050 max	-	-	÷	-	-	-	
部協	1050	0.48-0.55	-	0.60- 0.90	0.030 max	0.050 max	-	-	-	-	-	•	
19 S A	1055	0.50- 0.60	-	0.60- 0.90	D.030 max	0.050 max	-	-	-	+	-	-	
m	12L14	0,15 max	-	0.85- 1.15	0.040- 0.090	0.26- 0.35	-	-	-	-	-	0.15- 0.35	
	1215	0.09 max	-	0.75- 1.05	0.040- 0.090	0.26- 0.35	-	-	-	-	-	-	
	1541	0.36- 0.44	-	1.35- 1.65	0.030 max	0.050 max	-	-	-	-	-	-	
	4140	0.38- 0.43	0.15- 0.35	0.75- 1.00	0.030 max	0.040 max	0.25 max	0.80- 1,10	0.1 5 - 0.25	-	0.35 max	-	
	8620	0.18- 0.23	D.15- 0.35	0.70- 0.90	0.030 max	0.040 max	0.40- 0.70	0.40- 0.60	0.15- 0.25	-	0.35 max	-	

1.4許可差(Tolerance)

1.4.1 直徑許可差(Permissible Variations in Diameter)

規格(Spec.)	甫徑 (Diameter)	重徑許可差(Diameter Tolerance)	真體度(Out of Round)
	D<16	±0.40	0.56 max
CNS 8279	16≨D<28	±0.50	0.70 max
313 (33 131	28≦D	±1.8% *D	2.52% * D max
JIS G4051	D≦26	±0.40	0.56 max
JIS G4053	26 <d< td=""><td>±1.5% * D</td><td>2.1% * D max</td></d<>	±1.5% * D	2.1% * D max
	D≦15	±0.30	0.40 max
JIS G3507	15 <d≦25< td=""><td>±0.40</td><td>0.50 max</td></d≦25<>	±0.40	0.50 max
	32 <d≦50< td=""><td>±0.60</td><td>0.70 max</td></d≦50<>	±0.60	0.70 max
	D≦7	± 0.13	0.20 max
	7 <d≦11< td=""><td>±0.15</td><td>0.22 max</td></d≦11<>	±0.15	0.22 max
SAE	11<0≦15	±0.18	0.27 max
	15 <d\$19< td=""><td>±0.20</td><td>0.30 max</td></d\$19<>	±0.20	0.30 max
	19 <d≨250< td=""><td>±1.0% * D</td><td>1.5% ¥ D max</td></d≨250<>	±1.0% * D	1.5% ¥ D max

1.4.2長度許可整(Permissible Variations in Length)

壁(囗(Unit) ' rran

❶①(Unit) · mm

規格)	畏度許可差(Length Tolerance)							
(Spec.)	‱ ∖Lengun,	D ≦ 25	$25 \le D \le 50$	50 ≤ D ≦ 125	125 ≤ D ≤ 250				
	3000≦L<6000	+20 • 0	+25 • 0	+40+0	+65 • 0				
0.F	6000≦L<9000	+35 + 0	+40 • 0	+45+0	+70 · 0				
SAE	9000≦L<12000	+45 • 0	+ 50 + 0	+60+0	+75 • 0				
	12000≦L<18000	+60•0	+65 • 0	+70+0	+ 85 • 0				
JIS G3191	L≦7000		+4	0,0					
G4051 G4053 CNS 8279	7000<∟	毎増加1米・容	許差上限增加5mm every increase of	(Add 5mm to plus 1m or its fraction)	side tolerance for				

1.4.3直度許可差(Permissible Variations in Straightness)

規格(Spec.)	許可売(Tolerance)		摘要(Remark)
0.4 5	6mm/1.5m	0.40%×L	一般直度要求(Normal Straightness)
SAE	3mm/1.5m	0.2%×L	特殊直度要求(Special Straightness)
JIS G4061 G4053	3mm/1m	3mm/1m×L	

联:本公司產品尺寸公差以CNS及JIS规格為量,非上述規格者須由質響雙方海頭,

Note : The tolerance for our company's products is to CNS or JIS standard. Other standards must be by egreement between the buyer and soller.

1.5標記及包裝 (Standard Marking and Packing)

1.5.1鋼種顏色標示 (Color Marking on Section and Tag)

	透用部軸(Ste	el gra	de)	颜色(Color)	拗些。Remark)	
	1008 A, 1008AM1, 1008AM4, 1010 A, 1010AM1, 1010AM4		SWRCH8A, SWRCH10A	淺藍色 (Light sky blue)	冷打低碳 器 (Low carbon steels for cold heading)	
	1015 A, 1015 K, 1018 K, 1021 K, 1021 MN, 1022 A, 1026 K, 1015S1, 1015S2		S10C, S15C, S20C, S22C, S25C SWRCH15A, SWRCH22A	臼(White)	低碳 湖 (Low carbon steels)	
F.H. SPEC.	1030 K, 1035 K, 1040 K, 1045 K, 1045 AK, 1060 K, 1055 K, 1055 AK, 1040ACR, 1040ACRM, 1045S1, 1541, 1552, 1141	JIS	\$30C, \$35C, \$40C, \$45C, \$48C, \$50C, \$53C, \$55C, \$58C	黃(Yellow)	中被鋼 (Middle carbon sieels)	
1	10B21, 50BV30		SCM415	錄(Green)		
]	SCM435	棕(Brown)	低令全爆	
	4140MN]	SCM440	紅(Red)	(Low allow steels)	
]	8620]	SNCM220	灰(Gray)		
	6135, 6140]		粉紅(Pink)		
	12L14, 1215MS		SUM23	築日 (Purple-white)	快削鋼 (Free cutling carbon steels)	

1.5.2直棒鋼六米包裝(Packing of Round Bar in 6m Length)

両連り	單面脫燈	能支重制	望刻玉飘*	包尔度星	進彈D	ATT	原支重定	包装支数	包装索服。
(mm)	(kg/m)	(kg/pcs)	(pcs/bdl)	(kg/bdl)	(mm)	(kg/m)	(kg/pcs)	(pcs/bdl)	(kg/bal)
9	0.499	2.99	400	1196	52	16.7	100	20	2000
9.5	0,557	3.34	359	1199	53	17.3	104	19	1976
10	0,617	3.70	325	1202	55	18,7	112	18	2016
11	0,746	4,48	335	1501	57	20.0	120	17	2040
12	0.888	5.33	281	1498	60	22.2	133	15	1995
13	1.04	6.24	240	1498	62	23.7	142	14	1988
14	1.21	7.26	207	1503	65	26.0	156	13	2028
15	1.39	8.34	240	2002	67	27.7	166	12	1992
16	1.58	9,48	211	2000	70	30.2	181	11	1991
17	1.78	10.7	187	2001	72	32.0	192	10	1920
18	2.00	12.0	167	2004	74	33,8	203	10	2030
19	2.23	13,4	149	1997	75	34.7	208	10	2080
20	2.47	14.8	135	1998	78	37.5	225	9	2025
21	2.72	16.3	123	2005	80	39.5	237	9	2133
22	2.98	17.9	112	2005	82	41.5	249	8	1992
23	3.26	19.6	102	1999	85	44.5	267	8	2136
24	3,55	21,3	94	2002	87	46.7	280	7	1960
25	3.85	23.1	87	2010	90	49.9	299	7	2093
26	4.17	25.0	80	2000	92	52.2	313	6	1878
27	4.49	26.9	74	1991	95	55.6	334	6	2004
28	4.83	29.0	69	2001	100	61.7	370	5	1850
30	5.55	33.3	60	1998	103	65.4	392	5	1960
32	6:31	37.9	53	2009	105	68.0	408	5	2040
34	7.13	42.8	47	2012	110	74.6	448	5	2240
36	7.99	47.9	42	2012	115	81.6	490	5	2450
38	8.90	53,4	37	1976	120	88.8	533	5	2665
40	9.87	59.2	34	2013	125	96.3	578	3	1734
42	10.9	65,4	31	2027	130	104	624	3	1872
44	11.9	71.4	28	1999	135	112	672	3	2016
45	12.5	75.0	27	2025	140	121	726	3	2178
46	13.0	78.0	26	2028	145	130	780	3	2340
48	14.2	85.2	23	1960	150	139	834	3	2502
50	15.4	92.4	22	2033	-	-	•	-	-

*: 表示装之目撑破 (Afm volue)

64902



2.1可製尺寸(Available Sizes)

(1) A. C. M. C. M. M. W.	Contraction of the second
善遂角筠(Equal Angle)	
週長(B):25mm~100mm	
厚度(t);2.5mm~13mm	
長庋(L):6m~12m	

2.2可產製鋼種 (Available Grade)

分類(Division)	 続格〈Spec.)	材奠記號(Symbol)
	CNS 2473	00220 00400 00400 00540
	JIS G3101	- 55330, 55400, 55490, 55540
一般結構用(General Structure)	ASTM A36	A36
	AS 3679.1	GR300
	CNS 2947	CHADDA CHADDA
	JIS G3106	SIN400A,SIN490A
おおかかなたち 田 パチィート・コークトー・トレート	CNS 13812	SAMOOD
()华选結構用(Weided Structure)	JIS G3136	3144900
	ASTM A572	Grade 50 type 2, Grade 65 type 2
	ASTM A709	Grade 50 type 2
		S235JR, S235J0, S235J2
結摘用(Structure)	EN 10025-2	S275JR, S275J0, S275J2
		S365JR, S355J0, S355J2, S355K2

2.3化學成份及機械性質 (Chemical and Mechanical Requirements)

1945 (Seen)	特路起的	結帶展份(Composition) %							
18/18 (Spec.)	(Symbol)	C	តិថា ព្រ	1	8	Si			
CNS 2473	\$\$330, \$\$400, \$5490	-	-	0.050max	0.050max	-			
JIS G3101	SS540	0.30max	1.60max	0.040max	0.040max	•			
ASTM A36	A36	0.26max	-	0.040max	0.050max	0.40max			
	Grade 50 Type 2	0.23max	1.35max	0.040max	0.050max	0.40max			
ASTM A572	Grade 65 type 2	0.26max	1.35max	0.040max	0.050max	0.40max			
ASTM A709	Grade 50 Type 2	0.23max	1.35max	0.040max	0.050ma×	0.40max			
CNS 2947	SM400A	0.23max	2.5*Cmin	0.035max	0.035max	-			
CNS 2947 JIS G3106	SM490A	0.20max	1.60mex	0.035max	0.035max	0.55max			
CNS 13812 JIS G3135	SN490B	Q, temax	1,60max	0.030max	0.015max	0.55max			
AS 3679.1	GR300	0.25max	1.60max	0.040max	0.040max	0.50max			
	\$235JR	0.17max	t,40max	0.035max	0.035max	-			
	S235J0	0.17max	1.40max	0.030max	0.030max	-			
	S235J2	0.17max	1.40max	0.025max	0.025mex	-			
	\$275JR	0.21max	1.50mex	0.035max	0.035mex	•			
EN 10025-2	S275J0	0.18max	1.50max	0.030max	0.030max	•			
	S275J2	0.18max	1.50max	0.025max	0.025max	-			
	\$355JR	0.24max	1.60max	0.035ma×	0.035max	0.55max			
	\$355J0	0.20max	1.60maix	0.030max	0.030max	0.55max			
	\$355J2, \$355K2	0.20max	1.60msx	0.025max	0.025max	0.55mex			

2.3.1化學成份(Chemical Requirements)

2.3.2機械性質(Mechanical Requiremints)

源橋 (Spec)	核精彩法 (Symboli	遙伏弱 N/mr	ē፼(Y.\$) ≌' (ksi)	抗疫鳝酸(T-S) N/mm ⁻ (ksi)	伸提室 (Elongation)%	計画新設 (Bending)180°	·封證試驗 (Impact lest)	
(apear)	(6)	$1 \le 16$	16 < ; 140		(「松原本社		
					26min(t ≨ 5j			
	00220	205 <i>m</i> in	195min	330-430	21min]5<1 \$ 16)	D.5 *1 OK		
	00000		(BBRIN)		26min[16 ≦50]</td <td></td> <td></td>			
					21min[1≦5]			
	\$5400	245min	235min	400-510	17min[5<1\$16]	1.5 ¥ LOK		
CNS 2473	00400	2 TOTAL			21min[16<1≦50]			
JIS G3101					19min[1 = 5]			
	SS490	285min	275min	490~610	15minį̇́5 <t≤16j< td=""><td>2.0*1 OK</td><td></td></t≤16j<>	2.0*1 OK		
]					19min[16 <) ≈ 50]			
1					16min[t ∓ 5]			
	\$\$540	400min	39 0 min	540min	13min(5<1≦16)	2.0 *1 OK	·	
					17min[16≺t≤40]			
ASTM A38	A35	250	(36)mi n	400-550 (58-80)	20min [俄港(g.I)200mm]	-		
ASTM A572	0 - 1 - CO 1 O				tâmin			
ASTM A709	Grade Su type 2	345	(SU)min	450 (05)000	[講座(g.I)200mm]			
ASTM A572	Gradu 65 lyps 2	450	(65)mki	550 (80)min	15min [绣範(g.l)200mm]	· ·	~ -	
					.23min[L≦5]			
	SM400A	245min	235min	400-510	18min[5 <t≦16]< td=""><td>±</td><td></td></t≦16]<>	±		
CNS 2947					22min[16 <1≤50)			
JIS G3106					22min[t≨5]			
	SM490A	325min	315min	490~610	17min(5<(≦16)	-		
					21min 16<(≤50)			
CNS 13812	Chiacop	32	5-445	100-010	17min]8≦1 ≤ 16j		24845	
JIS G3136	2114908	(降伏山	(80%U(F)	490-010	21min(16 <t≨50)< td=""><td></td><td>JISCOLA</td></t≨50)<>		JISCOLA	
	\$235JR, \$235J0, \$235J2	235min	225min	360-510	26min (g.i≈5.65√ [°] S0)			
EN 10025-2	\$275JR. \$275J0, \$275J2	275m in	265min	410-560	23min (gJ=5,65, SD)		依現格	
	S355JR. S355J0, S355J2. S355K2	355min	345min	470-630	22min (g,l≏5.65√ S0)			
	00000	1<11	1151517	***	22-la la lat 65 (Co)			
AS 3679.1	GR300	320min	300min	440000				



n. Na se
e NGA
ž

2.4形狀及尺度許可差 (Shape and Tolerance on Dimension)

角鋼形狀及尺度容許差(Shape and Tolerance on Dimension) CNS 1490 & JIS G3192

單位(Unit):mm

· 通言	E.	Ð	許可差	·····································		
(Item)	(Sub-Item)		(Tolerance)	(Remark)		
	B<	50	±1,5	_		
線度(A市中)	50≦8	< 100	±2.0			
HER (ASCO)	100≴1	3<200	±3,0	¥		
	200	i≦B	±4.0			
		1<6.3	±0.6			
	0 < 100	6.3≨t<10	± 0.7			
	B< 130	10≨เ<16	±0.8	900		
		16.≲1	±1.0			
摩腰 (t)		1<6.3	±0.7			
		6.3≦t<10	±0.8			
	130 ≨B	10≦t<16	±1.0			
		16≦1<25	±1.2]		
		25≦t	±1.5			
	L≦	7M	+40 • 0			
長度(L)	7M	<l< td=""><td colspan="3">母増加1米・容許差上限増加5mm(Add 5mm to plus sid tolerance for every increase of 1m or its fraction)</td></l<>	母増加1米・容許差上限増加5mm(Add 5mm to plus sid tolerance for every increase of 1m or its fraction)			
圓角度(T)	所有尺寸適用	(All Sizes)	T≦2.5%×B			
輩曲度 (Warpage)	所有尺寸適用	(All Sizes)	0.3%×L max	適用於上下,左右之蠻曲(To Be Applied To Warpage Upward And Downward, And To The Right And Left)		

2.5標記及包裝 (Standard of Marking and Packing)

2.5.1 獻面顏色標示 (Color Marking on One Side Section)

角鋼 Equal Angle

			摩度 (t)		部(库 (Bottom)	和田谷立(開ママれ)		
		HEI			inch		別向応くらいたらいい	tæbj (nginγ
2.5	4.5	5.5	6.5				≹I(Red)	白(White)
3	2.7	7.3	8	13	1/8	5/16	黃(Yellow)	約(Red)
4	3.7	8.2	9		5/32		藍(Blue)	臼(White)
5	4.6		10		3/16	3/8	緑(Green)	白(White)
6	11				1/4	1/2	🗄 (White)	紅(Red)
7	12						粉紅(Pink)	日(White)

(3)

2.5.2包装標準(Standard of Package)

(1)等邊角鋼 Equal Angle

RU	na se ser ser		ទិកា			7 (3)			£m.	
6×1	i na an transforma (kgi mir	$M \ge M / n$	型彩交到	EN 19 I	服業運動	國民黨戰	82.1		5% 文级 例 文 % B	包装的
çarantı :		(Kg/pcs)	(pcs/bdl)	(Kg(541)	(kg/pcs)	(pes/6dl)	(kg/064)	(kg/pcs)	(065/00))	(xg/sei)
25×2.5	0.946	5.68	361	2050	6.62	305	2026	7.57	267	2021
25×3	1.12	6.72	298	2003	7,84	259	2031	8.96	228	2043
30×2.5	1.14	6.84	295	2018	7.98	247	1971	9.12	219	1997
30×3	1.36	8.16	247	2016	9.52	219	2085	10.9	185	2016
30×4	1.76	10.6	192	2035	12.3	171	2103	14.1	144	2030
38×2.5	1.46	8.76	228	1997	10.2	204	2081	11.7	175	2048
38×3	1.74	10.4	194	2018	12.2	170	2074	13.9	141	1960
38×4	2.26	13.6	150	2040	15.8	131	2070	18.1	111	2009
38×5	2.79	16.7	121	2021	19.5	106	2067	22.3	92	2052
40×3	1.83	11.0	189	2079	12.8	160	2048	14.6	136	1986
40×4	2.39	14.3	141	2016	16.7	121	2021	19.1	107	2044
40×5	2.95	17.7	116	2053	20.6	96	1978	23.6	87	2053
50×3	2.34	14.0	135	1890	16.4	123	2017	18.7	108	2020
50×4	3.06	18.4	112	2061	21.4	96	2054	24.5	85	2082
50×5	3.77	22.6	92	2079	26.4	76	2006	30.2	65	1963
50×6	4.43	26.6	80	2128	31.0	65	2015	35.4	57	2018
50×8	5.78	34.7	57	1978	40.5	50	2025	46.2	42	1940
65×6	5.91	35.5	55	1952	41.4	50	2070	47.3	45	2128
65×8	7.66	46.0	45	2070	53.6	40	2144	61.3	35	2146
75×6	6.85	41.1	50	2055	48.0	45	2160	54.8	40	2192
75×9	9.96	59.8	35	2093	69.7	30	2091	79.7	25	1992
75×12	13.0	78.0	25	1950	91.0	23	2093	104	20	2080
90×7	9.59	57.5	36	2070	67.1	30	2013	76.7	27	2071
90×10	13.3	79.8	27	2155	93.1	21	1955	106	18	1908
90×13	17.0	102	21	2142	119	18	2142	136	15	2040
100×7	10.7	64.2	33	2119	7.4.9	27	2022	85.6	24	2054
100×10	14.9	89.4	24	2146	104	18	1872	119	18	2142
100×13	19.1	115	18	2070	134	15	2010	153	12	1836

(2)輕型等邊角鋼 Light Gauge Equal Angle

25×2.7	1.03	6.16	330	2039	7.21	283	2040	8.24	251	2068
30×2.7	1.25	7:50	274	2055	8,75	233	2039	10.0	199	1990
30×3.7	1.62	9.72	212	2061	11.3	178	2011	13.0	157	2041
38×2.7	1.60	9.60	209	2006	11.2	189	2117	12.8	16Ò	2048
38×3.7	2.08	12.5	160	2000	14.6	141	2059	16.6	121	2009
38×4.6	2.57	15.4	130	2002	18.0	111	1998	20.6	101	2081
40×2.7	1.68	10.1	204	2060	11.8	170	2006	13,4	150	2010
40×3.7	2.20	13.2	155	2046	15.4	131	2017	17.6	116	2042
40×4.6	2.72	16.3	125	2038	19.0	106	2014	21.8	92	2006
50×3.7	2.82	16.9	119	2011	19.7	104	2049	22.6	88	1989
50×4.6	3.47	20.8	96	1997	24.3	84	2041	27.8	73	2029
50×5.5	4.08	24.5	84	2058	28.6	69	1973	32.6	61	1989
65×5.5	5.43	32.6	60	1956	38.0	55	2090	43.4	45	1953
65×7,3	7 05	42.3	50	2115	49.4	40	1976	56.4	35	1974
75×5.5	6.30	37.8	55	2079	44.1	45	1984	50.4	40	2016
75×8.2	9.17	55.0	35	1925	64.2	30	1926	73,4	25	1835



9

A STREET ANGLE

◆等邊角鋼→欄(Package of Equal Angle, Cont.)

Dist tawa	S.R. charles I.V.	بہ 9			10m			†2m		
(mp)	(kö,m) v am s	33 순요 문 (kg-pcs)	오랫눈값 (peabdl)	चि <i>र्द्रा</i> हेर्न् ((xg:bal)	部支引令 (kg/pcs)	回要更勤 {pes/odl:	요.명.(6 T (kg(hdi)	の天知時 (kgipes)	<u> 第三支</u> (pesゆめ)	割底正常 (kgluti)
25×2.5	0.946	8.51	251	2136	9.46	220	2081	11.4	173	1972
25×3	1.12	10.1	196	1980	11.2	173	1938	13.4	149	1997
30×2.5	1.14	10.3	199	2050	11.4	178	2029	13,7	151	2069
30×3	1.36	12.2	171	2086	13.6	151	2054	16.3	123	2005
30×4	1.76	15.8	130	2054	17.6	123	2165	21.1	96	2026
38×2.5	1.46	13.1	155	2030	14.6	141	2059	17.5	121	2118
38×3	1.74	15.7	131	2057	17.4	121	2105	20.9	97	2027
38×4	2.26	20.3	102	2071	22.6	87	1966	27,1	77	2087
38×5	2.79	25.1	82	2058	27.9	72	2009	33.5	63	2110
40×3	1.83	16.5	121	1996	18.3	107	1958	22.0	92	2024
40×4	2.39	21.5	92	1978	23.9	82	1960	28.7	73	2095
40×5	2.95	28.6	77	2048	29.5	67	1976	35.4	58	2053
50×3	2.34	.21.1	96	2026	23.4	85	1989	28.1	73	2051
50×4	3.06	27.5	73	2008	30.6	65	1989	36.7	54	1982
50×5	3.77	33.9	61	2068	37.7	53	1998	45.2	46	2079
50×6	4.43	39.9	50	1995	44.3	50	2215	53.2	38	2022
50×8	5.78	52.0	38	1976	57.8	34	1965	69.4	30	2082
65×6	5.91	53.2	40	2128	59.1	35	2068	70.9	30	2127
65×8	7.66	68.9	30	2067	76.6	25	1915	91.9	20	1838
75×6	6.85	61.6	35	2156	68.5	30	2055	82.2	25	2055
75×9	9,96	89.6	23	2061	99.6	20	1992	120	18	2160
75×12	13.0	117	18	2106	130	15	1950	156	13	2028
90×7	9.59	86.3	24	2071	95.9	21	2014	115	18	2070
90×10	13.3	120	18	2160	133	15	1995	160	12	1920
90×13	17.0	153	12	1836	170	12	2040	204	9	1836
100×7	10.7	96.3	21	2022	107	18	1926	128	15	1920
100×10	14.9	134	15	2010	149	14	2086	179	12	2148
100 × 13	19,1	172	12	2064	191	11	2101	229	9	2061



-										
25×2.7	1.03	9.27	220	2039	10.3	196	2019	12,4	165	2046
30×2.7	1.25	11.2	178	1994	12.5	171	2138	15.0	137	2055
30×3.7	1,62	14.6	137	2000	16.2	123	1993	19.4	103	1998
38×2.7	1,60	14.4	141	2030	16.0	126	2016	19,2	107	2054
38×3.7	2.08	18.7	107	2001	20.8	97	2018	25.0	82	2050
38×4.6	2.57	23.1	87	2010	25.7	77	1979	30.8	67	2064
40×2.7	1.68	15.1	136	2054	16.8	121	2033	20.2	102	2060
40×3.7	2.20	19.8	102	2020	22.0	92	2024	26.4	77	2033
40×4.6	2,72	24.5	82	2009	27.2	77	2094	32.6	63	2054
50×3.7	2.82	25.4	81	2057	28.2	73	2059	33.8	58	1960
50×4.6	3.47	31.2	65	2028	34.7	57	1978	41.6	50	2080
50×5.5	4.08	36.7	57	2092	40.8	50	2040	49.0	42	2058
65×5.5	5.43	48.9	40	1956	54.3	35	1900	65.2	30	1956
65×7.3	7.05	63.4	30	1902	70.5	30	2115	84.6	25	2115
75×5.5	6.30	56.7	35	1984	63	30	1890	75.6	25	1890
75×8.2	9.17	82.5	25	2062	91.7	23	2109	110	18	1980
		· · · · · · · · · · · · · · · · · · ·				•	· · · · · · · · · · · · · · · · · · ·	•		.;

◆輕型等邊角鋼・續(Package of Light Gauge Equal Angle · Cont.)





【三、槽鋼 CHANNEL】



3.1可製尺寸(Available Sizes)

費劉(C	Channel)	
高度(H)	: 75mm~150mm	
邊長(B)	: 40mm75mm	
長度 (L)	: 6m~-12m	

3.2可產製鋼種(Available Grade) 同2.2(The Same As 2.2 P6)

3.3化學成份及機械性質(Chemical and Mechanical Requirements) 同2.3(The Same As 2.3 P7)



3.4形狀及尺度許可差 (Shape and Tolerance on Dimension)

i适置 (Item)	過 <i>注</i> (Sab-Item)		新可选 (Toleranue)	低變 Remark		
	B	< 50	±1.5			
	50 ≲ [3 < 100	±2.0			
選長(8)	100≦	8<200	±3.0			
	200)≦B	±4.0			
	H<	1 0 0	±1.5			
	100 ≲	H<200	±2.0			
高度 (H)	200 ≨	H<400	±3.0	B-0 B-1		
	40)≦H	±4.0			
		1<6.3	±0,6			
	H < 130	6.3≨t<10	±0.7			
		10≦t<16	±0.8			
		16≦t	±1.0			
摩度(t1+t2)	130≦H	t<6.3	±0.7			
		6.3≦t<10	±0.8			
		10≦1<16	±1.0			
		16≦t<25	±1.2			
		25≦t	±1.5			
	L≦	≦7m	+40 • 0			
長度(L)	7n	n <l< td=""><td colspan="3">每週加1米・容許差上限増加5mm(Add 5mm to plus side tolerance for every increase of 1m or its fraction)</td></l<>	每週加1米・容許差上限増加5mm(Add 5mm to plus side tolerance for every increase of 1m or its fraction)			
酉角度(T)	所有尺寸遷甩(All Sizes)		Т≦2.5%×В			
幽 曲度 (Warpage)	所有尺寸邁用	(All Sizes)	0.3%×L, max	適用於上下・左右之彎曲(To Be Applied To Warpage Upward And Downward, And To The Right And Left)		

相調形狀及尺度容許差 (Shape and Tolerance on Dimension) CNS 1490 & JIS G3192

略值 (Unit) - an

η

3.5摄記及包裝(Standard of Marking and Packing)

3.5.1截面顏色橡示(Color Marking on One Side Section)

榴鋼 Channel

端面顏色(Color)		
∦I (Red)		
黃 (Yellow)		
鬗(Blue)		
(約10)		
- Kr (Green)		
🖻 (White)		
粉紅(Pink)		

3.5.2包裝標準 (Standard of Package)

(1) 摺鋼 Channel

尺質	夏四重夏	長度	單変重層	包裝万式	包装支数	包裝重訊
$H \times B \times t1 \times t2(mm)$	(kg/m)	(m)	(kg/pcs)	(package)	(pcs/bdl)	(kg/bdI)
		6	41.5	(4X2)X6	48	1,992
		7	48.4	(4X2)X5	40	1,936
		8	55.4	(4X2)X5	40	2,216
75×40×5×7	6.92	9	62.3	(4X2)X4	32	1,994
		10	69,2	(4X2)X4	32	2.214
		11	76.1	(4X2)X3	24	1,826
		12	83.0	(4X2)X3	24	1,992
		6	56.2	(3X2)X5	30	1,686
		7	65.5	(3X2)X5	30	1,965
		8	74.9	(3X2)X5	30	2,247
100×50×5×7.5	9.36	9	84.2	(3X2)X4	24	2,021
		10	93.6	(3X2)X4	24	2,246
		11	103	(3X2)X4	24	2,472
		12	112	(3X2)X3	18	2,016
	13.4	6	80.4	(2X2)X4	16	1,286
		7	93.8	(2X2)X4	16	1,501
		8	107	(2X2)X4	16	1,712
125×65×6×8		9	121	(2X2)X4	16	1,936
		10	134	(2X2)X4	16	2,144
		11	147	(2X2)X4	16	2,352
		12	161	(2X2)X3	12	1,932
	18.6	6	112	(2X2)X3	12	1344
		7	130	(2X2)X3	12	1,560
		8	149	(2X2)X3	12	1,788
150×75×6.5×10		9	167	(2X2)X3	12	2,004
		10	186	(2X2)X3	12	2,232
		11	205	(2X2)X3	12	2,460
		12	223	(2X2)X2	8	1,784
		6	144	(2×2)×3	12	1,728
		77	168	(2×2)×3	12	2,016
	24	8	192	(2×2)×3	12	2,304
150×75×9×12.5		9	216	(2×2)×2	8	1,728
		10	240	(2×2)×2	8	1,920
		11	264	(2×2)×2	8	2,112
		12	288	(2×2)×2	8	2,304

(2) 輕型禮鋼 Light Gauge Channel

I

$R\overline{a}$	氟化亚亚	三世(の)	超支重等	包裝烏式	包装支数	包装筐包
$H \times B \times t1 \times t2(mm)$	(kg/m)	18.之(11)	(kg/pcs)	(package)	(pcs/bdl)	(kg/bál)
		6	34.6	(4×2)×6	48	1661
		7	40.3	(4×2)×6	48	1934
		8	46.1	(4×2)×5	40	1844
75×40×4.1×5.5	5.76	9	51.8	(4×2)×5	40	2072
		10	57.6	(4×2)×4	32	1843
		11	63.4	(4×2)×4	32	2029
		12	69.1	(4×2)×4	32	2211
		6	46.6	(3×2)×5	30	1398
	7.77	7	54.4	(3×2)×5	30	1632
		8	62.2	(3×2)×5	30	1866
100×50×4.1×6		9	69.9	(3×2)×5	30	2097
		10	77.7	(3×2)×4	24	1865
		11	85.5	(3×2)×4	24	2052
		12	93.2	(3×2)×4	24	2237





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4.1可產製尺寸(Available Size) 寬度 (b) : 12mm~300mm 厚度 (t) : 3mm~25mm 長度 (L) : 4m~12m

4.2可產製鑼種(Available Grade)

☆類(Division)	現格 (Spec.)	材質記额(Symbot)
	CNS 2473	CC220 CC400 CC400 CC540
	JIS G3101	- 55330, 55400, 55490, 55540
一版和编用(General Sudcure)	ASTM A36	A36
	AS 3679.1	GR300
	CNS 2947	
	JIS G3106	- SIN400A, SIN490A
御神(字件中 ottobled Characture)	CNS 13812	CNMOOD
冲波和14开3(weided Structure)	JIS G3136	3N4900
	ASTM A572	Grade 50 type 2, Grade 65 type 2
	ASTM A709	Grade 50 type 2
		S235JR, S235J0, S235J2
結構用(Structure)	EN 10025-2	S275JR, S275J0, S275J2
		S355JR, S355J0, S355J2, S355K2
機械構造用碳鋼(Mechine Structure)	JIS G4051	S45C, S50C
4.3化學成份及機械性質(Chemical and Mechanical Requirements)

4.3.1化學成份(Chemical Requirements)

			化學減份 (Composition) %				
現俗 (Spec.)	建架	उ∰∂ (Symbol)	С	Mn	Р	S	Si
CNS 2473 JIS G3101	SS330 SS400 SS490		•	-	0.050max	0.050max	-
	SS540		0.30max	1.60max	0.040max	0.040max	.
10.04054	S45C		0.42-0.48	0.60-0.90	0.030max	0.035max	0.15~0.35
JIS G4051	S50C		0.47-0.53	0.60~0.90	0.030max	0.035max	0.15-0.35
	4.00	(t≦20)	0.26max	-	0.040max	0.050max	0.40тах
ASTM A36	A36	(20 < t ≦ 40)	0.27max	0.60~0.90	0.040max	0.050max	0.40max
	Grade 50) type 2	0.23max	1.35max	0.040max	0.050max	0.40max
ASTM A572	Grade 6	5 type 2	0.26max	1.35max	0.040max	0.050max	0.40max
ASTM A709	Grade 50) type 2	0.23max	1.35max	0.040max	0.050max	0.40max
CNS 2947	SM400A		0.23max	2.5*Cmin	0.035max	0.035max	-
JIS G3106	SM490A		0.20max	1.60max	0.035max	0.035max	0.55max
CNS 13812 JIS G3136	SN4908	Allen - Aring	0.18max	1.60max	0.030max	0.015max	0.55max
AS 3679.1	GR300		0.25max	1.60max	0.040max	0.040max	0.50max
	S235JR		0.17max	1.40max	0.035max	0.035max	-
	\$235J0		0.17max	1.40max	0.030məx	0.030max	-
	S235J2		0.17max	1.40max	0.025max	0,025max	-
	S275JR		0.21max	1.50max	0.035max	0.035max	-
EN 10025-2	S275J0	. HUTTAGE BATH TO THE STORE STORE	0.18məx	1.50max	0.030max	0.030max	-
	\$275J2		0.18max	1.50max	0.025max	0.025max	-
	S355JR		0.24max	1.60max	0.035max	0.035max	0.55max
	\$355J0		0.20max	1.60max	0.030max	0.030max	0.55max
	S355J2,	S355K2	0.20max	1.60max	0.025max	0.025max	0.55max

4.3.2機械性醫 (Mechanical Requirements) 同2.3.2 (The Same As 2.3.2)

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天子长期後	SI NER						an a	والمراجع والمترجع والمتحمين والمحمور والمحمول والمحمور والمحمول والمراجع والمحمول والمحمول والمحمول والمحمو	
民度	等级			尺度	រើឱកាកា 🕯	^{午可} 差mm			
-		< 6	6≦t<12	12≦t<15	15≦t<20	20≦1<25	.25≦t<40	40≨t<100	
	A	±0.5	±0.5	±0.5	±0.6	±1.0	±1.0	±1.5	
摩腹 t	В	±0.3	±0.4	±0.5	±0.6	±0.8	±1.0	± 1.2	
	c	±0.3	+0.50.3	+1.10.3	+1.1~-0.3	+1,10.3	+1.40.3	+2.1~-0.3	
		w<50	·			w≩50			
寬度 w	A	±0.8				±2.0%・但	最大 値為士10).0	
	В	±0.8				ま1.6%・但	最大值為±3.	5	
	A	+200~0	200~0						
医鹿、	B	+100~0				,			
大厦	C	+50~0							
	D	+25~0				-			
		l <9				t≧9			
урд с	В	依賀愛雙方	之協議			厚度之15%	以下・但最大	/////////////////////////////////////	
	A	全長的0.4%	以下,但任和	之每1m 展度	稳4mm以下				
弧形度	В	全長的0.3%	5以下・但任意	之每1m長度	為4mm以下				
	C	全長的0.25	%以下,但任	意之每1m長服	書為2.5mm以	۲			
寛度 方向 之平坦度	В	寬度的0.3%	寬度的0.3%以下(w>150&t≲50遵用)						
長度方向	A	全長的0.7%	全長的0.7%以下·最大值為20mm。但任意之每1m長度為7mm以下						
之平坦度	В	全畏的0.3%	6以下·最大值	】恐10mm * 值	目任意之每1m	長度為3mm以	<i>ل</i> ۴		
詽郃	h	依留愛要方	之協議						

4.4形狀及尺度許可差(Shape and Tolerance on Dimension) CNS 8278 & JIS G3194



4.5標記及包裝(Standard of Marking and Packing)

4.5.1截面顏色標示(Color Marking on One Side Section)

		厚葭(t) ∙ mn	8		端底(Bottom)	標記(Mark)
4.5	5.5	6.5	xy.5	Í	紅(Red)	🕀 (White)
3	8	13	-18	23	黄(Yellow)	¥I(Red)
4	9	14	19	24	藍 (Blue)	臼(White)
5	10	15	20	25	样(Green)	白(White)
6	11	16	21		臼(White)	紅(Red)
7	12	17	22		粉紅(Pink)	曰(White)

4.5.2六米包裝標準(Package of 6m Flat)

民力W×4(mm)	準備重量(kg/m)	單支重量(kg/pcs)	國與刑罰(package)	包装支数(pcs/bdl)	密壁曲星(kg/b-al)
12X6	0.565	3.39	(16) 2 X16	512	1736
13X5	0.510	3.06	(24) 2 X12	576	1763
15X3	0.353	2.12	(24) 3 X12	864	1832
15X4	0.471	2.83	(18) 3 X12	648	1834
16X3	0.377	2.26	(24) 3 X11	792	1790
16X4	0.502	3.01	(18) 3 X11	594	1788
16X4.5	0.565	3.39	(18) 3 X10	540	1831
16X6	0.754	4.52	(18) 2 X11	396	1790
16X8	1.00	6.00	(18) 2 X8	268	1728
19X3	0.447	2.88	(24) 3 X9	648	1737
19X3.5	0.522	3,13	(24) 3X8	576	1803
19X4	0,597	3.58	(24) 2 X11	528	1890
19X4.5	0.671	4.03	(28) 2 X8	448	1805
19X5	0.746	4.48	(24) 2 X8	384	1720
19X6	0.895	5.37	(20) 2 X8	320	1718
19X9	1.34	8.04	(16) 2 X7	224	1801
20X3	0.471	2.83	(24) 3 X9	648	1834
20X5	0.785	4.71	(24) 2 X8	384	1809
20X6	0.942	5.65	(16) 2 X9	288	1627
25X3	0.589	3.53	(24) 3 X7	504	1779
25X3.5	0.687	4.12	(20) 3 X7	420	1730
25X4	0.785	4.71	(20) 3 X6	360	1696
25X4.5	0.883:	5.30	(20) 3 X6	360	1908
25X5	0,981	5.89	(20) 3 X5	300	1767
25X6	1,18	7,08	(16) 2 X7	224	1566
25X9	1.77	10.6	(10) 3 X6	180	1908
25X12	2.36	14.2	(8) 2 X7	112	1590
30X4	0.942	5.65	(22) 3 X5	330	1864
32X3	0.754	4.52	(22) 4 X4	352	1591
32X3.5	0.879	5.27	(22) 3 X5	330	1739
32X4	1.00	6.00	(22). 3 X4	264	1584
32X4.5	1.13	6.78	(22) 2 X6	264	1790
32X5.	1.26	7.56	(22), 2 X5	220	1663
32X6	1.51	9.06	(16) 2 X6	192	1740
36X3	0.895	5.37	(16) 4 X5	320	1718
38X3.5	1.04	6.24	(16) 4 X4	256	1597
38X4.5	1.34	8.04	(16) 3 ×5	240	1930
38×6	1.79	10,7	7×27	189	2022
38×9	2.68	16.1	7×18	126	2029
50×4.5	1.77	10.6	5×38	190	2014
50×5	1.96	11.8	5×35	175	2065
50×6	2.38	14.2	5×29	145	2059
50×8	3.14	18.8	5×22	110	2068

90×9 3.5321.25 × 19952014 90×10 3.8223.55 × 17851996 50×12 4.7128.35 × 1470181 90×16 5.2837.75 × 11552074 50×12 5.6461.85 × 8402072 50×22 5.6461.85 × 8402072 50×25 9.8168.95 × 7352092 65×4 2.3013.84 × 381522098 65×5 2.5515.34 × 331322020 65×6 3.0618.44 × 281122061 65×6 3.0618.44 × 281122061 65×6 3.0618.44 × 281122061 65×10 5.1030.64 × 17682081 85×12 61238.74 × 13542092 65×16 8.1649.04 × 14562055 65×16 8.1649.04 × 122192 65×22 11267.24 × 8382192 65×25 2.6515.94 × 221282035 75×6 3.5321.24 × 24962035 75×6 3.5031.84 × 16642035 75×9 5.3031.84 × 16642035 75×9 5.3031.84 × 16642035 75×9 5.30<	范王W > I(aun)	單偏計量(kg/m)	率支重量(kg/pcs)	包装合式(package)	抱襟 安徽(pos/odl)	巴國主權(kg/b#)
90×10 3.92 23.5 5 × 17 85 1996 50×12 4.71 28.3 5 × 14 70 1.931 50×16 6.28 37.7 5 × 11 55 2074 50×22 8.64 51.8 6 × 8 40 2072 50×25 9.84 68.9 5 × 7 35 2082 65×5 2.55 15.3 4 × 38 152 2098 65×6 3.06 18.4 4 × 29 112 2061 65×6 4.06 24.5 4 × 21 84 2058 65×6 4.06 24.5 4 × 21 84 2061 65×6 4.59 27.5 4 × 19 76 2080 65×10 5.10 30.6 4 × 17 40 19960 65×10 5.16 40.0 4 × 19 40 19960 65×12 8.16 40.0 4 × 12 28 2035	50×9	3,53	21.2	5×19	95	2014
50×12 4.71 28.3 5×14 70 1981 50×16 8.28 37.7 5×11 56 2074 50×22 8.64 51.8 6×8 40 2072 50×25 9.81 68.9 5×7 35 2082 65×4.5 2.30 13.8 4×38 152 2092 65×4.5 2.55 15.3 4×33 132 2020 65×6 3.66 18.4 4×28 112 2061 65×6 3.66 18.4 4×28 112 2061 65×6 3.66 18.4 4×28 112 2061 65×10 510 30.6 4×17 68 2095 65×10 510 30.6 4×17 68 2096 65×10 510 30.6 4×10 40 1960 65×12 812 38.7 4×14 56 2092 65×22 112 67.2 4×8 32 2150 65×25 12.8 76.8 4×7 28 2160 75×6 3.53 21.2 4×29 116 2042 75×6 3.53 21.2 4×24 96 2035 75×8 4.71 28.3 4×16 64 2035 75×8 4.71 28.3 4×16 64 2035 75×8 4.71 28.3 4×16 64 2035 <t< td=""><td>50×10</td><td>3.92</td><td>23.5</td><td>5×17</td><td>85</td><td>1998</td></t<>	50×10	3.92	23.5	5×17	85	1998
50×16 6.28 37.7 5×11 55 2074 50×18 7.46 44.8 5×9 45 2016 50×25 9.81 58.9 5×7 35 2062 65×45 2.30 13.8 4×38 152 2096 65×45 2.55 15.3 4×33 132 2000 65×6 3.06 16.4 4×28 112 2061 65×6 3.06 16.4 4×29 112 2061 65×7 4.59 27.5 4×19 76 2096 65×10 5.10 30.6 4×17 68 2081 65×10 5.12 36.7 4×14 56 2085 65×22 112 67.2 4×8 32 2150 65×23 12.8 76.8 4×7 28 2150 75×6 2.94 17.6 4×23 128 2035 75×6 3.53 21.2 4×24	50×12	4.71	28.3	5×14	70	1981
50×19 7.46 44.8 6×9 45 2016 50×22 8.64 51.8 5×8 40 2072 50×23 9.81 68.9 5×7 35 2062 65×4.5 2.30 13.8 4×38 152 2003 65×6 3.06 18.4 4×28 112 2061 65×6 3.06 18.4 4×28 112 2061 65×6 3.06 18.4 4×28 112 2061 65×7 4.59 27.5 4×11 64 2061 65×10 5.10 30.6 4×17 68 2065 65×12 6.16 49.0 4×14 56 2055 65×25 12.8 76.8 4×7 28 2160 75×4 2.65 15.9 4×32 128 2035 75×5 2.94 17.6 4×24 86 2035 75×6 3.53 2.12 4×24 </td <td>50×16</td> <td>6.28</td> <td>37.7</td> <td>5×11</td> <td>55</td> <td>2074</td>	50×16	6.28	37.7	5×11	55	2074
60×22 8.64 61.8 6×8 40 2072 50×25 9.81 68.9 5×7 35 2062 65×4.5 2.30 13.8 4×38 152 2036 65×6 3.06 18.4 4×38 112 2061 65×6 3.06 18.4 4×28 112 2061 65×6 3.06 4×19 76 2080 65×10 510 30.6 4×11 64 2056 65×10 510 30.6 4×17 66 2061 85×25 22.8 75×6 2055 65×12 76×8 4×1 4×8 32 2150 75×5 2.55 212 4×8 32 2150 75×5 2.55 212 4×24 86 2035 75×5 2.55 212 4×24 86 2035 75×5 353 31.8 <	50×19	7.46	44.8	5×9	45	2016
50×25 9.81 68.9 5×7 35 2062 65×4.5 2.30 13.8 4×38 152 2009 65×5 2.55 15.3 4×33 132 2020 65×6 3.06 16.4 4×33 132 2020 65×6 3.06 16.4 4×38 112 2061 65×6 3.06 24.5 4×11 64 2008 65×6 4.59 27.5 4×11 66 2092 65×16 8.16 49.0 4×17 66 2065 65×16 8.16 49.0 4×10 40 1960 65×25 11.2 67.2 4×8 32 2160 65×26 12.8 76.8 4×7 28 2035 75×5 2.84 17.6 4×22 128 2035 75×6 3.53 21.2 4×24 95 2035 75×8 5.30 31.8 4×16 <td>50×22</td> <td>8.64</td> <td>51,8</td> <td>5×8</td> <td>.40</td> <td>2072</td>	50×22	8.64	51,8	5×8	.40	2072
65×4.5 2.30 13.6 4×33 152 2008 65×5 2.55 15.3 4×33 132 2020 65×6 3.06 18.4 4×28 112 2061 65×8 4.06 24.5 4×21 84 2005 65×10 5.10 30.6 4×11 56 2000 65×10 5.10 30.6 4×11 56 2000 65×16 8.16 49.0 4×11 56 2055 65×15 8.16 49.0 4×10 40 1960 65×25 12.8 76.8 4×7 28 2160 75×5 2.65 15.9 4×22 116 2042 75×5 2.55 15.9 4×23 116 2042 75×5 3.53 2.12 4×24 456 2035 75×5 3.53 2.12 4 \times 24 456 2035 <td>50×25</td> <td>9.81</td> <td>58,9</td> <td>5×7</td> <td>35</td> <td>2062</td>	50×25	9.81	58,9	5×7	35	2062
65×5 2.55 15.3 4×33 132 2020 65×6 3.06 18.4 4×28 112 2061 65×8 4.08 22.5 4×21 84 2058 65×9 4.59 27.5 4×19 76 2090 65×10 5.10 30.6 4×17 68 2091 65×12 612 36.7 4×14 56 2095 65×19 9.69 56.1 4×9 36 2092 65×22 11.2 67.2 4×8 32 2150 65×26 12.8 76.8 4×7 28 2055 75×5 2.94 17.6 4×29 116 2042 75×5 2.94 17.6 4×29 116 2042 75×5 2.94 17.6 4×29 116 2042 75×5 2.94 17.6 4×29 116 2035 75×5 3.53 21.2 4×24 86 2035 75×9 5.30 31.8 4×16 66 1977 75×10 5.69 36.3 4×4 36 2034 75×10 5.69 36.3 4×4 36 2034 75×10 5.69 36.3 4×4 36 2034 75×10 5.69 36.3 4×12 48 2035 75×10 5.66 33.5 21.2 3×22 56.5 <t< td=""><td>65×4.5</td><td>2.30</td><td>13.8</td><td>4×38</td><td>152</td><td>2098</td></t<>	65×4.5	2.30	13.8	4×38	152	2098
65×6 3.06 18.4 4×28 112 2061 65×6 4.06 24.5 4×21 84 2058 65×9 4.59 27.5 4×14 84 2058 65×10 510 30.6 4×17 66 2061 65×10 612 36.7 4×14 56 2055 65×19 9.09 56.1 4×9 36 2092 65×25 12.8 76.8 4×7 28 2150 65×25 12.8 76.8 4×7 28 2150 75×5 2.94 17.6 4×29 116 2042 75×8 3.53 21.2 4×24 86 2035 75×8 4.71 28.3 4×14 56 1977 75×10 8.89 36.3 4×14 56 1977 75×12 7.06	65×5	2.55	15.3	4×33	132	2020
65×8 4.06 24.5 4×21 84 2068 65×10 5.10 30.6 4×11 76 2080 65×10 5.10 30.6 4×11 56 2026 65×16 8.16 40.0 4×10 40 1960 65×19 9.69 56.1 4×9 35 2092 65×22 11.2 67.2 4×8 32 2150 65×25 12.8 76.8 4×7 228 2035 75×5 2.94 17.6 4×29 116 2042 75×5 3.53 21.2 4×24 86 2035 75×5 3.53 21.2 4×24 86 2035 75×5 5.30 31.8 4×14 56 417 75×10 5.89 35.3 4×14 56 2034 75×16 942	65×6	3.06	18.4	4×28	112	2061
65×9 4.59 27.5 4×19 76 2090 65×10 5.10 30.6 4×17 66 2061 85×12 61.2 38.7 4×14 56 2025 65×16 8.16 49.0 4×10 40 1960 65×22 11.2 67.2 4×8 32 2150 65×22 11.2 67.2 4×8 32 2150 65×25 12.8 76.8 4×7 28 2025 75×5 2.94 17.6 4×32 116 2042 75×6 3.53 21.2 4×24 96 2035 75×8 4.71 28.3 4×18 72 2038 75×8 4.71 28.3 4×16 72 2038 75×8 4.71 28.3 4×14 56 1977 75×8 4.71 28.3 4×14 56 1977 75×10 5.89 35.3 4×14 56 2034 75×10 5.89 35.3 4×12 48 2035 75×10 5.89 35.3 4×12 48 2035 75×12 7.00 42.4 4×12 48 2035 75×19 11.2 67.2 4×8 32 2150 75×19 11.2 67.2 4×8 32 2150 75×19 11.2 67.2 4×8 322 2150	65×8	4.08	24.5	4×21	84	2058
65×10 $5, 10$ $30, 6$ 4×17 69 2061 85×12 $6, 12$ $38, 7$ 4×14 56 2055 65×19 $9, 69$ $56, 1$ 4×9 35 2092 65×22 11.2 67.2 4×8 32 2150 65×25 12.8 77.8 4×7 22 2150 75×5 2.55 15.9 4×32 116 2042 75×6 2.54 17.6 4×29 96 2035 75×6 2.54 17.6 4×29 96 2035 75×8 4.71 28.3 4×18 72 2038 75×10 5.99 53.3 4×14 56 1977 75×10 5.99 53.3 4×14 56 1977 75×10 5.99 53.3 21.2 4×8 32 2150 75×1	65×9	4.59	27.5	4×19	76	2090
85×12 612 36.7 4×14 56 2055 65×16 8.16 490 4×10 40 1960 65×22 11.2 67.2 4×8 32 2150 65×25 12.8 768 4×7 23 225 2150 75×4.5 2.66 15.9 4×32 128 22035 75×6 3.53 21.2 4×23 116 2042 75×6 3.53 21.2 4×24 956 20335 75×9 5.30 31.8 4×16 64 22035 75×10 5.69 35.3 4×14 66 1977 75×10 9.42 55.5 4×19 33 2034 75×10 9.42 55.5 4×9 33 2034 75×10 11.2 67.2 4×8 32 2150 75×25 <	65×10	5,10	30.6	4×17	68	2081
65×16 8.16 49.0 4×10 40 1960 65×19 9.69 56.1 4×9 36 2092 65×22 11.2 67.2 4×8 32 2150 65×25 12.8 76.8 4×7 28 2035 75×5 2.94 17.6 4×29 116 2042 75×6 3.53 21.2 4×24 965 2035 75×8 4.71 22.3 4×18 72 2038 75×9 5.30 31.8 4×16 64 2035 75×10 5.89 35.3 4×14 56 1977 75×12 7.06 42.4 4×12 48 2035 75×19 11.2 67.2 4×8 32 2150 75×19 11.2 67.2 4×8 32 2150 75×22 14.7 <td>85×12</td> <td>6.12</td> <td>36.7</td> <td>4×14</td> <td>56</td> <td>2055</td>	85×12	6.12	36.7	4×14	56	2055
65×19 9.699.61 4×9 362092 65×22 11.2 67.2 4×8 322180 65×25 12.876.8 4×7 282190 75×4.5 2.6515.9 4×32 1282035 75×5 2.9417.6 4×29 1162042 75×6 3.5321.2 4×24 962033 75×8 4.7128.3 4×18 722038 75×9 5.3031.8 4×16 642035 75×10 5.8935.3 4×14 561977 75×12 7.0642.4 4×12 482035 75×16 9.4256.5 4×9 362034 75×12 7.0642.4 4×12 482035 75×12 7.067.2 4×6 242177 75×12 7.0642.4 4×12 482035 75×12 14.788.2 4×6 242117 90×4.5 3.1819.1 3×35 1052006 90×5 3.5321.2 3×32 962035 90×6 4.2425.4 3×27 812057 90×8 5.6533.9 3×20 602034 90×9 6.3638.2 3×18 542063 90×8 5.6533.9 3×20 602035 90×8 5.6533.9 3×24 72 </td <td>65×16</td> <td>8.16</td> <td>49.0</td> <td>4×10</td> <td>40</td> <td>1960</td>	65×16	8.16	49.0	4×10	40	1960
85×22 11.2 67.2 4×8 32 2150 85×25 12.8 76.8 4×7 28 2150 75×4.5 2.66 15.9 4×32 128 2035 75×5 2.94 17.6 4×29 116 2042 75×6 3.53 21.2 4×24 96 2035 75×8 4.71 28.3 4×18 72 2038 75×9 5.30 31.8 4×16 64 2035 75×10 5.89 35.3 4×14 56 1977 75×12 7.06 42.4 4×12 43 2035 75×19 11.2 67.2 4×8 32 2160 75×19 11.2 67.2 4×8 32 2160 75×19 11.2 87.2 4×8 32 2160 75×19 11.2 35.3 21.2 3×35	65×19	9.69	56.1	4×9	36	2092
85×25 12.876.8 4×7 282150 75×4.5 2.6515.9 4×32 1282035 75×5 2.9417.6 4×22 1162042 78×6 3.5321.2 4×24 962035 75×8 4.7128.3 4×18 722038 75×8 4.7128.3 4×18 722038 75×9 5.3031.8 4×16 642035 75×10 5.8935.3 4×14 561977 75×12 7.0642.4 4×12 482035 75×19 94256.5 4×9 362034 75×19 11.2 67.2 4×8 322150 75×22 13.078.0 4×6 241872 75×25 14.788.2 4×6 242117 90×4.5 3.1819.13 $\times 35$ 10052006 90×5 3.5321.2 3×32 962035 90×6 4.2425.4 3×27 812067 90×6 5.6633.9 3×20 602034 90×9 6.3638.2 3×18 542063 90×10 7.0642.4 3×16 482035 90×10 7.0642.4 3×16 482035 90×12 8.4860.9 3×13 391985 90×12 8.4850.9 3×13 3	65×22	11.2	67.2	4×8	32	2150
75×4.5 2.8515.9 4×32 1282035 75×5 2.3417.6 4×29 1162042 75×6 3.5321.2 4×24 962035 75×8 4.7128.3 4×18 722038 75×9 5.3031.8 4×16 642035 75×10 5.8936.3 4×14 561977 75×12 7.0642.4 4×12 482035 75×16 9.4256.5 4×9 362034 75×16 9.4256.5 4×9 362034 75×16 9.4256.5 4×9 362034 75×19 11.2 87.2 4×6 241872 75×22 13.078.0 4×6 242117 90×4.5 3.1819.1 3×35 1062006 90×5 3.5321.2 3×32 962035 90×6 4.2425.4 3×27 812057 90×8 5.653.9 3×20 602034 90×9 6.3638.2 3×18 542003 90×8 5.653.9 3×10 302034 90×9 6.3638.2 3×18 542063 90×8 5.653.9 3×13 391995 90×8 5.65 3.82 3×16 482035 90×8 5.65 3.82 3×7 21 <td>65×25</td> <td>12.8</td> <td>76.8</td> <td>4×7</td> <td>28</td> <td>2150</td>	65×25	12.8	76.8	4×7	28	2150
75×5 2.9417.6 4×29 1162042 75×6 3.5321.2 4×24 9.652035 75×8 4.7128.3 4×18 722038 75×9 5.3031.8 4×16 642035 75×10 5.8935.3 4×14 661977 75×12 7.0642.4 4×12 482035 75×16 9.4256.5 4×9 362034 75×19 11.287.2 4×8 322.150 75×22 13.078.0 4×6 241872 75×25 14.788.2 4×6 242117 90×4.5 3.1819.13 \times 3510052006 90×5 3.5321.23 $\times 32$ 962035 90×6 4.2425.43 $\times 27$ 812057 90×8 5.6533.93 $\times 20$ 602034 90×8 5.6633.93 $\times 20$ 602034 90×8 5.6633.93 $\times 20$ 602034 90×8 5.6633.93 $\times 18$ 542053 90×8 5.653.8.23 $\times 18$ 542055 90×8 5.653.9.03 $\times 7$ 211953 90×10 7.0642.43 $\times 16$ 482035 90×12 8.4850.93 $\times 13$ 391985 90×13 13.480.43 $\times 8$ 24 <td>75×4.5</td> <td>2.65</td> <td>15.9</td> <td>4×32</td> <td>128</td> <td>2035</td>	75×4.5	2.65	15.9	4×32	128	2035
75×6 3.53 21.2 4×24 96 2035 75×8 4.71 28.3 4×18 72 2038 75×9 5.30 31.8 4×16 64 2035 75×10 5.99 35.3 4×14 56 1977 75×12 7.06 42.4 4×12 48 2035 75×16 9.42 56.5 4×9 36 2034 75×16 9.42 56.5 4×9 36 2034 75×12 7.06 42.4 4×12 48 2035 75×12 7.06 42.4 4×12 48 2035 75×22 13.0 78.0 4×6 24 1872 75×25 14.7 88.2 4×6 24 2117 90×4.5 3.16 19.1 3×35 1005 2006 90×5 3.53 21.2 3×32 96 2035 90×6 4.24 25.4 3×27 81 2057 90×8 5.65 33.9 3×20 60 2034 90×9 6.36 38.2 3×16 48 2035 90×9 6.36 38.2 3×16 48 2035 90×9 6.36 38.2 3×16 48 2035 90×9 6.36 38.2 3×16 48 2035 90×9 13.4 80.4 3×8 24 1830 9	75×5	2.94	17.6	4×29	116	2042
75×8 4.71 28.3 4×18 72 2038 75×9 5.30 31.8 4×16 64 2035 75×10 5.89 36.3 4×14 56 1977 75×12 7.06 42.4 4×12 48 2035 75×16 9.42 56.5 4×9 36 2034 75×19 11.2 67.2 4×8 32 2150 75×22 13.0 78.0 4×6 24 1872 75×25 14.7 88.2 4×6 24 2117 50×4.5 3.18 19.1 3×35 105 2006 90×5 3.53 21.2 3×32 96 2035 90×6 4.24 25.4 3×27 81 2057 90×8 5.66 33.9 3×20 60 2034 90×9 6.36 38.2 3×18 54 2063 90×9 6.36 38.2 3×18 54 2063 90×9 6.36 38.2 3×18 54 2063 90×10 7.06 42.4 3×16 48 2035 90×10 7.06 42.4 3×16 48 2035 90×12 8.48 50.9 3×13 39 1985 90×12 8.48 50.9 3×13 39 1985 90×12 8.48 50.9 3×13 39 1985 <td< td=""><td>75×6</td><td>3.53</td><td>21.2</td><td>4×24</td><td>96</td><td>2035</td></td<>	75×6	3.53	21.2	4×24	96	2035
75×9 5.30 31.8 4×16 64 2035 75×10 5.89 35.3 4×14 56 1977 75×12 7.06 42.4 4×12 49 2035 75×16 9.42 56.5 4×9 36 2034 75×19 11.2 67.2 4×8 32 2150 75×22 13.0 78.0 4×6 24 1872 75×25 14.7 88.2 4×6 24 2117 90×4.5 3.18 19.1 3×35 105 2006 90×5 3.53 21.2 3×32 96 2035 90×6 4.24 25.4 3×27 81 2057 90×8 5.66 33.9 3×20 60 2034 90×8 6.36 38.2 3×18 54 2063 90×8 6.36 38.2 3×18 54 2063 90×10 7.06 42.4 3×16 48 2035 90×10 7.06 42.4 3×16 48 2035 90×10 7.66 42.4 3×16 48 2035 90×12 8.48 50.9 3×10 30 2034 90×19 13.4 80.4 3×8 24 1930 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 <t< td=""><td>75×8</td><td>4.71</td><td>28.3</td><td>4×18</td><td>72</td><td>2038</td></t<>	75×8	4.71	28.3	4×18	72	2038
75×10 5.89 35.3 4×14 56 1977 75×12 7.06 42.4 4×12 48 2035 75×16 9.42 56.5 4×9 36 2034 75×19 11.2 67.2 4×8 32 2150 75×22 13.0 78.0 4×6 24 1872 75×25 14.7 88.2 4×6 24 2117 90×4.5 3.18 19.1 3×35 1005 2006 90×5 3.53 21.2 3×32 96 2035 90×6 4.24 25.4 3×27 81 2057 90×8 5.65 32.9 3×20 60 2034 90×9 6.36 38.2 3×18 54 2063 90×9 6.36 38.2 3×18 54 2063 90×10 7.66 42.4 3×16 48 2035 90×10 7.66 42.4 3×16 48 2035 90×10 7.66 42.4 3×16 48 2035 90×10 7.66 42.4 3×10 30 2034 90×25 17.7 106 3×7 21 1953 90×25 17.7 106 3×7 21 1953 90×25 17.7 106 3×29 87 2044 100×4 5.353 21.2 3×32 96 2035 <td< td=""><td>75×9</td><td>5.30</td><td>31.8</td><td>4×16</td><td>64</td><td>2035</td></td<>	75×9	5.30	31.8	4×16	64	2035
75×12 7.66 42.4 4×12 48 2035 75×16 9.42 56.5 4×9 36 2034 75×19 11.2 87.2 4×8 32 2150 75×22 13.0 78.0 4×6 24 1872 75×25 14.7 88.2 4×6 24 2117 90×4.5 3.18 19.1 3×35 105 2006 90×5 3.53 21.2 3×32 96 2035 90×6 4.24 25.4 3×27 81 2057 90×8 5.66 33.9 3×20 60 2034 90×9 6.36 38.2 3×16 54 2063 90×9 6.36 38.2 3×16 54 2063 90×9 6.36 38.2 3×16 54 2035 90×9 6.36 38.2 3×16 54 2035 90×9 6.36 38.2 3×16 54 2035 90×9 6.36 38.2 3×18 54 2063 90×10 7.66 42.4 3×16 48 2035 90×12 8.48 50.9 3×13 39 1985 90×12 8.48 50.9 3×7 21 1953 90×22 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2036	75×10	5.89	35.3	4×14	56	1977
75×16 9.42 56.5 4×9 36 2034 75×19 11.2 67.2 4×8 32 2150 75×22 13.0 76.0 4×6 24 1872 75×25 14.7 88.2 4×6 24 2117 90×4.5 3.18 19.1 3×35 105 2006 90×5 3.53 21.2 3×32 96 2035 90×6 4.24 25.4 3×27 81 2057 90×8 5.65 33.9 3×20 60 2034 90×9 6.36 38.2 3×18 54 2063 90×9 6.36 38.2 3×16 48 2035 90×9 6.36 38.2 3×18 54 2063 90×9 6.36 38.2 3×18 54 2063 90×9 6.36 38.2 3×18 54 2063 90×9 6.36 38.2 3×13 39 1985 90×10 7.06 42.4 3×16 48 2035 90×10 13.4 80.4 3×8 24 1930 90×25 17.7 106 3×6 18 1908 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 10	75×12	7.06	42.4	4×12	48	2035
75×19 11.2 67.2 4×6 32 2150 75×22 13.0 76.0 4×6 24 1872 75×25 14.7 86.2 4×6 24 2117 90×5 3.53 21.2 3×35 105 2006 90×6 4.24 25.4 3×27 81 2057 90×6 4.24 25.4 3×27 81 2057 90×6 4.24 25.4 3×27 81 2057 90×6 4.24 25.4 3×20 60 2034 90×9 6.36 36.2 3×18 54 2063 90×10 7.06 42.4 3×16 48 2035 90×10 7.06 42.4 3×16 48 2035 90×10 7.06 42.4 3×16 48 2035 90×10 11.3 67.8 3×10 30 2034 90×19 13.4 80.4 3×8 24 1930 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×8 6.28 37.7 3×18 54 2036 100×8 6.28 37.7 3×18 27 2034 <td< td=""><td>75×16</td><td>9 42</td><td>56.5</td><td>4×9</td><td>36</td><td>2034</td></td<>	75×16	9 42	56.5	4×9	36	2034
75×22 13.0 78.0 4×6 24 1872 75×25 14.7 88.2 4×6 24 2117 90×4.5 3.18 19.1 3×35 105 2006 90×5 3.53 21.2 3×32 96 2035 90×6 4.24 25.4 3×27 81 2067 90×8 5.65 33.9 3×20 60 2034 90×9 6.36 38.2 3×18 54 2063 90×10 7.06 42.4 3×16 48 2035 90×12 8.48 50.9 3×13 39 1985 90×16 11.3 67.8 3×10 30 2034 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1906 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29	75×19	11.2	87.2	4×8	- 32	2150
75×25 14.788.24×6242117 90×4.5 3.18 19.1 3×35 1052006 90×5 3.53 21.2 3×32 962035 90×6 4.2425.4 3×27 812057 90×8 5.65 33.9 3×20 602034 90×9 6.36 38.2 3×18 542063 90×9 6.36 38.2 3×18 542063 90×10 7.06 42.4 3×16 482035 90×10 7.06 42.4 3×16 482035 90×12 8.48 50.9 3×13 391985 90×16 11.3 67.8 3×10 302034 90×19 13.4 80.4 3×8 241930 90×25 17.7 106 3×6 181908 100×4.5 3.53 21.2 3×32 962035 100×5 3.92 23.5 3×29 872044 100×6 4.71 28.3 3×24 722038 100×8 6.28 37.7 3×18 542035 100×12 9.42 56.5 3×12 362035 100×12 9.42 56.5 3×12 362034 100×12 9.42 56.5 3×12 362034 100×12 9.42 56.5 3×12 362034 100	75×22	13.0	78.0	4×6	24	1872
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	75×25	14.7	88.2	4×6	24	2117
90×5 3.53 21.2 3×32 96 2035 90×6 4.24 25.4 3×27 81 2057 90×8 5.65 33.9 3×20 60 2034 90×9 6.36 38.2 3×18 54 2063 90×10 7.06 42.4 3×16 48 2005 90×12 8.48 50.9 3×13 39 1985 90×12 8.48 50.9 3×13 39 1985 90×16 11.3 67.8 3×10 30 2034 90×19 13.4 80.4 3×8 24 1930 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 6.28 37.7 3×16 54 2035 100×8 6.28 37.7 3×16 48 2035 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×16 12.6 75.6 3×9 27 2041 100×19 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 <t< td=""><td>90×4.5</td><td>3.18</td><td>19.1</td><td>3×35</td><td>105</td><td>2006</td></t<>	90×4.5	3.18	19.1	3×35	105	2006
90×6 4.24 25.4 3×27 81 2057 90×8 5.65 33.9 3×20 60 2034 90×9 6.36 38.2 3×18 54 2063 90×10 7.06 42.4 3×16 48 2035 90×12 8.48 50.9 3×13 39 1985 90×16 11.3 67.8 3×10 30 2034 90×19 13.4 80.4 3×8 24 1930 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×24 72 2038 100×6 4.71 28.3 3×24 72 2038 100×8 6.28 37.7 3×18 54 2035 100×8 6.28 37.7 3×18 54 2035 100×8 6.28 37.7 3×18 54 2036 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×18 12.6 75.6 3×9 27 2041 100×18 12.6 75.6 3×9 27 2041 100×12 9.4 3×6 18 1872 100×1	90×5	3.53	21.2	3×32	96	2035
90×8 5.65 33.9 3×20 60 2034 90×9 6.36 38.2 3×18 54 2063 90×10 7.06 42.4 3×16 48 2035 90×12 8.48 50.9 3×13 39 1985 90×16 11.3 67.8 3×10 30 2034 90×19 13.4 80.4 3×8 24 1930 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2038 100×8 6.28 37.7 3×18 54 2035 100×8 6.28 37.7 3×16 48 2035 100×10 7.85 47.1 3×14 42 1978 100×10 7.85 47.1 3×14 42 1978 100×18 12.6 75.6 3×9 27 2041 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 1872 100×25 19.6 118 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 <	90×6	4.24	25.4	3×27	81	2057
90×9 6.36 38.2 3×18 54 2063 90×10 7.06 42.4 3×16 48 2035 90×12 8.48 50.9 3×13 39 1985 90×16 11.3 67.8 3×10 30 2034 90×19 13.4 80.4 3×8 24 1930 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2038 100×8 6.28 37.7 3×18 54 2035 100×8 6.28 37.7 3×16 48 2035 100×10 7.85 47.1 3×16 48 2035 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×15 12.6 75.6 3×9 27 2041 100×19 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 <td>90×8</td> <td>5.65</td> <td>33.9</td> <td>3×20</td> <td>60</td> <td>2034</td>	90×8	5.65	33.9	3×20	60	2034
90×10 7.0642.4 3×16 482035 90×12 8.4850.9 3×13 391985 90×16 11.367.8 3×10 302034 90×19 13.480.4 3×8 241930 90×22 15.593.0 3×7 211953 90×25 17.7106 3×6 181908 100×4.5 3.5321.2 3×32 962035 100×5 3.9223.5 3×29 872044 100×6 4.7128.3 3×24 722038 100×8 6.2837.7 3×18 542036 100×9 7.0642.4 3×16 482035 100×10 7.8547.1 3×14 421978 100×12 9.4256.5 3×12 362034 100×12 14.989.4 3×7 211877 100×22 17.3104 3×6 181872 100×25 19.6118 3×6 182124 100×25 19.6118 3×6 182001 105×5 4.1224.7 3×30 902007 105×5 4.1224.7 3×27 812001	90×9	6.36	38.2	3×18	54	2063
90×12 8.48 50.9 3×13 39 1985 90×16 11.3 67.8 3×10 30 2034 90×19 13.4 80.4 3×8 24 1930 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2036 100×8 6.28 37.7 3×18 54 2036 100×8 6.28 37.7 3×18 54 2036 100×10 7.85 47.1 3×16 48 2035 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×16 12.6 75.6 3×9 27 2041 100×19 14.9 89.4 3×7 21 1877 100×25 19.6 118 3×6 18 1872 100×25 19.6 118 3×30 90 2007 105×5 4.12 24.7 3×327 81 2001 105×5 4.12 24.7 3×27 81 2001	90×10	7.06	42.4	3×16	48	2035
90×16 11.3 67.8 3×10 30 2034 90×19 13.4 80.4 3×8 24 1930 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2036 100×8 6.28 37.7 3×16 54 2035 100×8 6.28 37.7 3×16 54 2036 100×9 7.06 42.4 3×16 48 2035 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×12 36 2034 100×12 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×5 4.12 24.7 3×27 81 2001	90×12	8 48	50.9	3×13	39	1985
00×19 13.4 80.4 3×8 24 1930 90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2038 100×8 6.28 37.7 3×18 54 2036 100×8 6.28 37.7 3×18 54 2036 100×8 6.28 37.7 3×18 54 2036 100×10 7.85 47.1 3×14 422 1978 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×9 27 2041 100×12 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×6 4.96 29.7 3×23 866 1960	90×16	11.3	67.8	3×10	30	2034
90×22 15.5 93.0 3×7 21 1953 90×25 17.7 106 3×6 18 1908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2038 100×8 6.28 37.7 3×18 54 2036 100×9 7.06 42.4 3×16 48 2035 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×18 12.6 75.6 3×9 27 2041 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 61 2001	90×19	13.4	80.4	3×8	24	1930
90×25 17.7106 3×6 181908 100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2038 100×8 6.28 37.7 3×18 54 2036 100×9 7.06 42.4 3×16 48 2035 100×9 7.06 42.4 3×16 48 2035 100×9 7.06 42.4 3×14 42 1978 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×16 12.6 75.6 3×9 27 2041 100×19 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×5 4.12 24.7 3×27 81 2001	90×22	15.5	93.0	3×7	21	1953
100×4.5 3.53 21.2 3×32 96 2035 100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2036 100×8 6.28 37.7 3×18 54 2036 100×9 7.06 42.4 3×16 48 2035 100×9 7.06 42.4 3×16 48 2035 100×9 7.06 42.4 3×16 48 2035 100×10 7.85 47.1 3×14 422 1978 100×12 9.42 56.5 3×12 36 2034 100×18 12.6 75.6 3×9 27 2041 100×19 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×6 4.96 29.7 3×22 86 1960	90×25	17.7	106	3×6	18	1908
100×5 3.92 23.5 3×29 87 2044 100×6 4.71 28.3 3×24 72 2038 100×8 6.28 37.7 3×18 54 2036 100×9 7.06 42.4 3×16 48 2035 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×16 12.6 75.6 3×9 27 2041 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×6 4.95 29.7 3×23 56 1960	100×4.5	3.53	21.2	3×32	96	2035
100×6 4.71 28.3 3×24 72 2038 100×8 6.28 37.7 3×18 54 2036 100×9 7.06 42.4 3×16 48 2035 100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×12 36 2034 100×12 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×6 4.95 29.7 3×23 56 1960	100×5	3.92	23.5	3×29	87	2044
100×10 1.11 1.00 1.11 1.00	100×6	4 71	28.3	3×24	72	2038
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	100 × 8	6.28	37.7	3×18	54	2036
100×10 7.85 47.1 3×14 42 1978 100×12 9.42 56.5 3×12 36 2034 100×12 9.42 56.5 3×12 36 2034 100×18 12.6 75.6 3×9 27 2041 100×19 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×5 4.95 29.7 3×23 55 1960	100×9	7.06	47.4	3×16	48	2035
100×12 9.42 56.5 3×12 36 2034 100×18 12.6 75.6 3×9 27 2041 100×19 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×5 4.95 29.7 3×23 55 1960	100 × 10	7.95	47:1	3×14	42	1978.
100×12 2.42 30.5 37.12 30.6 200 100×18 12.6 75.6 3×9 27 2041 100×19 14.9 89.4 3×7 21 1877 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×6 4.95 29.7 3×23 55 1960	100 × 10	0.00	58.5	3×17	38	2034
100×19 14.9 89.4 3×7 21 1677 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×6 4.95 29.7 3×23 55 1960	100 × 14	10.8	75.6	3×9	27	2041
100×12 17.0 02.3 07.7 2.5 1017 100×22 17.3 104 3×6 18 1872 100×25 19.6 118 3×6 18 2124 105×4.5 3.71 22.3 3×30 90 2007 105×5 4.12 24.7 3×27 81 2001 105×6 4.95 29.7 3×23 55 1960	100010	140	RG 4	3×7	21	1877
100 x 25 19.6 118 3×6 18 2124 105 × 4.5 3.71 22.3 3×30 90 2007 105 × 5 4.12 24.7 3×27 81 2001 105 × 6 4.95 29.7 3×23 55 1960	100 00	173	10A	3×6	18	1872
100 x 20 100 100 100 2124 105 x 4.5 3.71 22.3 3×30 90 2007 105 x 5 4.12 24.7 3×27 81 2001 105 x 6 4.95 29.7 3×23 .55 1960	100.044	17.9	14.9	9/10 9/10	18	2124
105 x 5 4.12 24.7 3×27 81 2001 105 x 6 4.95 29.7 3×23 55 1960	100 ~ 20	3 74		3,430	60	2007
105×6 405 207 3×29 65 1960	100 4.0	<u>्</u> यत्। ४.४७	24.0 94.7	3×30	R1	2001
	105~5	4.14	<u>4</u> + /	3,829	- 66	1960

€∃W×(mm)	塑包那帶(kg/m)	但支护亚(kg/pris)	武裝形式(package)	些导支数(pos/bdl)	包载查录(kg/bol)
105×8	6.59	39.5	3×17	51	2014
105×9	7.42	44.5	3×15	45	2002
125×4.5	4,42	26.5	2×38	76	2014
125×5	4.91	29.5	2×34	68	2006
125×6	5,89	35.3	2×29	58	2047
125×8	7.85	47.1	2×22	44	2072
125×9	8.83	53.0	2×19	38	2014
125×10	9.81	58.9	2×17	34	2003
125×12	11,8	70.8	2×14	28	1982
125×16	15.7	94.2	2×11	22	2072
125×19	18.6	112	2×9	18	2016
125×22	21.6	130	2×8	16	2080
125×25	24.5	147	2×7	14	2058
130×6	6.12	36.7	2×28	56	2055
130×9	9.18	55.1	2 × 18	36	1984
130×13	13.3	79.8	2×13	26	2075
130×16	16.3	97.8	2×10	20	1956
130×19	19.4	116	2×9	18	2088
130×22	22.5	135	2×7	14	1890
130 × 25	25.5	153	2×7	14	2142
150×4.5	5.30	31.8	2×32	64	2035
150×5	5.89	35.3	2×29	58	2047
150×6	7.06	42.4	2×24	48	2035
150×8	9.42	56.5	2×18	36	2034
150×9	10.6	63.6	2×16	32	2035
150 × 10	11.8	70.8	2×14	28	1982
150×12	14.1	84.6	2×12	24	2030
150×16	18.8	113	2×10	20	2260
150×19	22.4	134	2×8	16	2144
150×22	25.9	155	2×7	14	2170
150×25	29.4	175	2×6	12	2112
155×6	7.30	43.8	2×23	46	2015
155×9	11.0	66.0	2×15	30	1980
155×13	15.8	94.8	2×11	22	2086
155×16	19.5	117	2×9	18	2108
155×19	23.1	139	2×7	14	1946
155×22	26,8	161	2×6	12	1932
155×25	30.4	182	2×6	12	2184
180×12	17.0	102	1×18	18	1836
180×16	22.6	136	1×14	14	1904
180×19	26.8	161	1×12	12	1932
180×22	31.1	187	1×10	10	1870
180×25	35.3	212	1×9	9	1908
200×12	18.8	113	1×17	17	1921
200×16	25.1	151	1×13	13	1963
200 X 19	29.6	179	1811	11	1969
200 X22	34.5	207	1×9	ÿ	1663
200 X25	39.2	235	1×8	8	1880
300×12	28.3	170	1 X 12	12	2040
300×16	37.7	226	9×1	9	2034
300 X19	44 7	268	1×7	7	1876
300 X22	51.B	311	1×6	6	1866
300 X25	58.9	353	1×6	6	2118

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【五、方鋼 SQUARE BAR】



5.1可產製尺寸(Available Sizes)

	進意題《Straight Square Bar》	展狀近識(Squere Bar in Coil)
邊長 (A)	9.5-52.5mm	11.3-27.3mm
鐺 元内徑(I.D.)		950mm
		1250mm
直棒 長度(L)	4-16m	
包裝重置 (Weight)	≑1500 - 2000kg	≑1500 → 2000kg
離捲万向(Coiling Direction)		順時針方向(Clockwise)

5.2可產製鋼種(Available Grades)

同1.2和2.2 (The Same As 1.2 and 2.2, P2 and P6)

5.3化學成份及機械性質(Chemical and Mechanical Requirements) 同1.3和2.3 (The Same As 1.3 and 2.3, P3 and P7)

5.4許可差 (Tolerance)

塘垣 (Jiem	⊠分 (Sub-Item)	評刊芝 (Tolerance)	图编建 (Diametrical Variation)
	A<16	±0.40	0.56 max
CNS 8279	, 16≦A<28	±0.50	0.70 max
55 6518	28≦A	±1.8%*A	2.52% * A max
JIS G405	1 A≦26	±0,40	0.56 max
G405	3 26 <a< td=""><td>±1.5% * A</td><td>2.1% * A max</td></a<>	±1.5% * A	2.1% * A max

5.4.1 邊長許可差 (Permissible Variations in Side)

5.4.2長度許可差(Permissible Variations in Length) 同1.4.2(The Same As 1.4.2, P4)

5.4.3 直度許可差 (Permissible Variations in Straightness) 同1.4.3 (The Same As 1.4.3, P4)

5.5標記及包裝 (Standard Marking and Packing)

5.5.1銷種顏色標示 (Color Marking on Section and Tag) 同1.5.1 (The Same As 1.5.1, P5)

5.5.2 直方鋼六米包裝標準 (Packing of Square Bar in 6m Length)

:選長 -A(mm)	鼠痘鱼胃 (kg/m)	出支加薪 (kg/pcs)	但使支款* (pcs/bdi)	包裝動器 (kg/bol)	證 <u>於</u> A(如何)	間的血環 (kg/m)	附支重量 (kg/pcs)	包装支数* (pcs/bdl)	包装截塑* (kg/bul)
9.5	0.708	4.25	432	1836	30	7.06	42,4	49	2078
10	0.785	4.71	392	1846	32	8,04	48.2	42	2024
12	1.13	6.78	220	1492	33.7	8.92	53.5	42	2247
16	2.01	12.1	165	1996	38	11.3	67.8	30	2034
19	2.83	17.0	117	1989	40	12.6	75.6	30	2268
21	3.46	20.8	96	1997	45	15.9	95,4	20	1908
22	3.80	22.8	87	1984	50	19.6	118	16	1888
25	4.91	29.5	67	1976	52.5	21.6	130	16	2080
27.3	5.85	35.1	56	1966					
:表包如	支目傳續	(Aim value)		ф <u></u>		•••••••••••	, , , , , , , , , , , , , , , , , , ,	

新亚(Unit):mm



【六、鋼筋 REBAR】



6.1可產製尺寸 (Available Sizes)

	光道理所(R	ound Bar))T前退筋(Deformed Bar)		
	走捧(Straight Form)	簉睞(Coil Form)	圓陲(Straight Form)	福伏(Colit Farm)	
R寸 (Size)	9-100mm	13-42mm	D10-D57	D13-D36	
盤元内徑 (I.D.)	Numerican de la factoria de la constante de la Infra	9 50 mm		950mm	
留元外徑 (O.D.)	-	1250mm	-	1250mm	
直樺長度 (L)	5-14m	_	6 - 18m	_	
盤捲方向 (Coiling Direction)		附時針 闩向 (Clockwise)	-	順時針方回 (Clockwise)	

6.2可產製鋼種 (Available Grades)

(∂ \$€ Division)		籠種続於(Symbol)			
	CNS 560	SR240, SR300			
光靈寶筋(Round Bar)	JIS G3112	SR235, SR295			
	CS2	Gr.250			
	CNS 560	SD280, SD280W, SD420, SD420W, SD490			
	JIS G3112	SD295A, SD295B, SD345, SD390, SD490			
	ASTM A615	Gr.40, Gr.60, Gr.75			
门即期的(Deloimed Bar)	ASTM A706	Gr.60			
	CS2	Gr.460			
	SS2	Gr.500			

ALL BALL

6.3化學成份及機械性質(Chemical and Mechanical Requirements)

6.3.1化學成份(Chemical Requirements)

····	湖榆部線	化學成證 (Composition)%					
☆\$\$(C4¥4\$10和)	(Symbol)	С	Ma	()	ŝ	Si	C.£.
· · · · · · · · · · · · · · · · · · ·	GR.40		_	0.060max	—		-
ASTM A615	GR.60			0.060max		_	
	GR.75	-		0.060max		-	_
ASTM A706	GR.60	0.30max	1.50max	0,035max	0.045max	0.50max	0.55max
	SR240	-		0.060max	0.060max		-
	SR300	-	ļ	0.060max	0.060max		-
	SD280	Ţ.	-	0.060max	0.060max	<u> </u>	
	SD420	0.32max	1.80max	0.050max	0.050max	0.50max	0.57max
	SD490	0.32max	1.80max	0.050max	0.050max	0,50max	0.57max
CNS 560	SD280W (熱軋)	0.30max	1.50max	0.040max	0.040max	0.50max	0.55max
	SD420W (無 軋)	0.30max	1.50max	0.040max	0.040max	0.50max	0.55max
	SD280W (熱處理)	0.22max	1.60max	0:040max	0.040max	0.60max	0.50max
	SD420W (熱處理)	0.22max	1.60max	0.040max	0.040max	0.60max	0.50max
	SR235	-	-	0.050max	0.050max	<u></u>	
	SR295	-		0.050max	0.050max	_	
	SD295A	-	—	0.050max	0.050max	-	
JIS G3112	SD295B	0.27max	1,50max	0.040max	0.040max	0.55max	<u> </u>
	SD345	0.27max	1.60max	0.040max	0.040max	0.55max	0.50max
	SD390	0.29max	1.80max	0.040max	0.040max	0.55max	0.55max
	SD490	0.32max	1.80max	0.040max	0 040max	0.55max	0,60max
000	Gr.250	0.25max	_	0.060max	0.060max		0.42max
652	Gr.460	0.25max		0.050max	0.050max	-	0.51max
SS2	Gr.500	0.22max	1.60max	0.050max	0.050max	0.60 max	0:50max

註1. CE値計算公式

Q式 CNS及ASTM為 CE%=(C + Mn/6 + Cu/40 + Ni/20 + Cr/10 - Mo/50 - V/10)% CS2, SS2為 [C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15]%

CS2, SS2∰ [C + Mn/0]+ (Ci + M0 + V // 5 + (M + Cd/ 15). JIS穆 CE%≃(C + Mn/6)%

赶2. CS2, SS2 : [N] 120ppm max



6.3.2機械性質(Mechanical Requiremints) (1)CNS

Estimat.	THE OF A STREET	康靖常感	医肝结膜 /	ू । । (.	÷#:57,77%,	(特别特性)的end Property)		
(Symbol)	(Y.S.)N/min*	(T.S.))//mm	篩伏 通服 (TS/YS)	(Nest Parce)	(Eiongation)	笔话(Angle)	∰il≩(Siametor)	
00040	R 40 v alu	300-11-		NO.2	20.mio	1961	าก	
SR240	Serum	360,710	-	NO.14A	23 <i>m</i> in	100	30 4D 4D 4D 010-D16 5D Over D16 5D	
				NO.2	16min	40 ⁰		
58300	300amin	480min	-	NO.144	19min	160	70	
		100		NO.2	14 <i>mi</i> n	100*	л	
\$0280	Zaramin	420000	-	NO.14A	17min	180		
			1.07	NO.2	44/ក្រលា	100"	40	
SD2BOW	280~380	420min	1.23000	ND.14A	17 <i>m</i> in	Ū		
		500		NO.2	12min	1¢0'	D10-D16 5D	
\$0420	420\$40	620(112)	-	NO.14A	12mm	UDU COL	Over 016 60	
				NO.2	\$2min		D10-D16 3D	
\$D420W	420~- 540	550min	1.25min			180*	D19-D25 4D	
				NO.14A	13min		Ovur D25 5D	
·····			[NO.2	t2min		D10-D25 5D	
SD490	490~-625	620min	- 1	NO.14A	†3min	80	Over D25 BD	

(2) ASTM

塑种起致 (Symbol)	序伏建度 (Y.S.)pel (MPa)	和恒强硬 (T-S)psi -{MPat	浙拉剑度了 群大譜度 (TS/YS))¢[≤ (BarNo) ¢	辞伝 だな (Elongation) g.t =Bin	習商特征(Bend Property) 可愛・項音(Snacotor, Angle)
			i ⁱ	3	13min	3.5 d, 180
A615	40.000min	60,000min	- 1	4, 5	52min	3,5 d, 180°
GR.40	(2897010)	្រុកក្រោះស្		6	12min	<u>5 d. 180'</u>
				3, 4, 5	9min -	3.5 d, 180°
			-	6	9min .	5 d, 180
A615	60000 (420min)	90,000nin (620min)		7.8	8min -	5 d, 180
GR.60				9, 10, 11	7min	7 d, 180
				14, 18	7min	9 d. 90°
			1	3, 4, 5, 6, 7, 8	nim?	5 d, 180'
A615	75000	100,000	-	9, 10, 11	ទីតារាព	7 d, 180
GR.75	(ວ20ຕາທ)	(Century)		14, 18	សិតាជំព	9 0, 90'
				3, 4, 5	14mīn	3 d, 180°
470E	60.000.78.000	ED 000 erin		6	14min	4 d. 160
GR 60	(420-540)	(550min)	1.25min	7.6	12min	4 d. 1801
			1	9, 10; 11	12min	6 d, 180 ⁴
				14, 18	10min	B d, 180'

(3) JIS

	55 21 25 OF	17 15 - 510		雨雨,黄柳。		增善特性(Bend Freperty)		
(Symbol)	{Y.S.}N/mm ³	(T.S.)N/mm ²	(Test Piece)	(Elongation)	角层。 (Angle)	<u></u> ;	≝(Radius)	
	·		NO.2	16mín		暂度10以下	像偶霸座1.5邑	
SR295	295mia	440~~500	NO.14A	19min	160	送期16	谭辉丽匣2组	
			相置於 NO.2	16min		018以下	標稿面徑1.5冊	
SD295A	SD295A 285min	440~~600	相當於 NO. 14A	t 7min	1 100	超四016	煉嘴直 逆2屆	
000000		Q 44Dmin	相離於 NO.2	16min	1907	016以下	驚精調恩1.8년	
\$02958	295~-390		相實於 NO. 14A	t7min	160	透现D18	常摩顧世2段	
			相应於 NO.2	18min]	D16以下	湿崎 藍區3.5倍	
SD345	345440	490nŵn	attempts	47-1-	180	把器D16.041以下	標個週裡2個	
			和構成的ローマー	1,261,361,3		051	標柄顧翟2.5選	
	200 F-A	***_1	相當於 NO.2	16min	100		被保禁范 16塔。	
50390	390~510	560min	相關於 NO.14A	17min	1 '00		3版3月9日至255月,至14月11 	
	100 005	689 ×	相當於 NO.2	12min		025以下	標欄翻畫2.5個	
SD490	490~625	2~625 620min	相律於 NQ.14A	13min	7 0	環路 D25	價阿茲德3倍	

(4) CS2

資限記 型 (1995-1995-199	资理记载 建次值度 Assessed rY S Manual		郵貨業%(Etengation)	標曲 (Bend P	将"生 (operty)	Rebend特注 (Rebend Property)		
(selection)	d reaction to	Pressille	R.C. C.C.	島度(Aogle)	ji∰(Biametor)	45° → <u>23</u>		
Gr.250	250 min	1.1°Y.S.(actual) min	22 min	180"	\$D	20		
Gr.460	460 min	1,1*Y.S.(actual) min	12 min	180*	30	5D		

6.4 CNS形狀及尺度許可差 (Shape and Tolerance on Dimension of CNS)

	F=====	報位調査		推振制运输	情報這個	記之尺度 (Deformation Requirements)			
相聽 {Designation}	(N⊉t (No)	(Nominal Mass) (kg/m)	(mm) (nim)	(Cross Section Area) (car ⁱ)	(Perimeter) (cm)	田田平均 (Spacing)	<u>85,22</u> (Hei	25.25 ight)	間蒸賞度 (Gap)
						mi s x	BUD	ពានវ	ศาสม
D10	3	0.560	9.53	0.7133	3.0	6.7	0.4	0.8	3.7
D13	4	0.994	12.7	1.267	4.D	8.9	0.5	1.0	5.0
D16	5	1.56	15.9	1.986	5.0	11.1	0.7	1.4	6.2
D19	6	2.25	19.1	2.865	6.0	13.3	1.0	2.0	7.5
D22	7	3.04	22.2	3.871	7.0	15.6	1.1	2.2	8.7
D25	8	3.98	25.4	5.067	8.0	17.8	1.3	2.6	10.0
D29	9	5.08	28.7	6.469	9.0	20.1	1.4	2.8	11.3
D32	10	6.39	32.2	8.143	10.1	22.6	1.6	3.2	12.6
D36	11	7.90	35.8	10.07	11.3	25.1	1.8	3.6	14.1
D39	12	9.57	39.4	12,19	12.4	27.6	2.0	4.0	15.5
D43	14	11.4	43.0	14.52	13.5	30.1	2.1	4.2	16.9
D50	16	15.5	50.2	19.79	15.8	35,1	2.5	5.0	19.7
D57	18	20.2	57.3	25.79	18.0	40.1	2.9	5.8	22.5

6.4.1竹節鋼筋尺寸、聲畫及竹節限制(Dimensions, Masses and Permissible Limits of Deformed Bars)

6.4.2鋼筋展度許可差(Permissible Variations in Length)

最度 (Lenigth)	許可靠 (Tolerance)
L≦7m	+0~+40mm
7m < L	每增加1 米・容許差上限增加5mm,但以120mm為限(Add 5mm to plus side tolerance for every increase of 1m or its fraction, shall be limited to 120mm)

6.4.3调筋直徑及質量許可差 (Permissible Variations in Diameter and Mass)

	曾密或稱試 (Dianteter or Designation)	部世許与差 (Diamster Tolorance)	出安問留許可來 (Mass Tolerance)		
	D<16mm	±0.4mm			
光直鋼筋 (Round Bar)	16mm ≨ D < 28mm	# 0.5mm	-		
Ç,	28mm≦D	±1.8%*D			
	D10-D13		±7%		
竹節鋼筋 (Deformed Bar)	D16-D25	-**	±5%		
	Over D25	· · · · · · · · · · · · · · · · · · ·	±4%		





6.5標記及包裝(Standard Marking and Packing) 6.5.1竹節鋼筋軋醌印痕模示(Rolling Mark on Each Piece)

公司名	額種谷號	標示 代醌	登録號
(F) H)		}	910 Y

6.5.2截面顏色標示 (Color Marking on One Side Section)

規格 (Spec.)	迺種記號 (Symbol)	願色 (Color)		
	SR240, SR300	無(Not Applied)		
	SD280	黃色(Yellow)		
	SD280W	曰色(White)		
CNS 560	SD420, SD490:熟氧	粉紅色(Pink)		
	SD420, SD490: 船 處理	紅色 (Red)		
	SD420W	緑色(Green)		
	Gr.40	黃色(Yellow)		
ASTM A615	Gr.60熱軋	粉紅色(Pink)		
ASTM A706	Gr.60熱風	緑色 (Green)		
	SR235	紅色 (Red)		
	SR295	日色 (While)		
	SD295A	無(Not Applied)		
JIS G3112	SD295B	日色(While)		
	SD345	黃色 (Yellow)		
	SD390	緑色 (Green)		
	SD490	藍色(Siue)		



6.5.3包裝量體 (Weight of Package)

(1) 六米光頭鋼筋 (Round Bar in 6m Length)

9-10mm	11-14mm	15-100mm
1.2 ton	1.5 ton	2.0 ton

(2) 竹節鋼筋 (Straight Deformed Bar)

		6-7m	8 m	9 -11 m	12-18m
alasta anti den 1844 inter - 11	D10-D16	1.5 ton	2.0 Ion	2.5 ton	3.0 ton
普通已级(Normal)	Over D16	2.2 ton	2.2 ton	2.2 ton	3.0 ton
小包包裝(Sub-Bundle)	D10-D16			2.5 ton	3.0 ton

6.5.4包裝支数 (Pieces of Package)

(1)六米光面鋼筋(Round Bar in 6m Length) 同1.5.2(The Same As 1.5.2 P5)

(2) 竹節鋼筋小包包装 (Sub-Bundle Package of Straight Deformed Bar) (僅供參考)

		6m	m7	8m	9m	10m	11m	12m	13m	14m	15m	16m	17 m	18m
	小包支数 (pcs/sub-bdl)	-	_	-	40	40	40	40	40	40	40	40	40	40
D10	小包据数 (sub-bdl/pack)	•	-	-	11	11	11	11	10	9	9	8	8	7
	總支教 (pcs/pack)	440	440	440	440	440	440	440	400	360	360	320	320	280
	小包支数 (pcs/sub-bdl)	•	×.	÷	30	30	30	30	30	30	30	30	30	30
D13	小包捆数 (sub-bdl/pack)	-	-	•	8	8	8	8	8	7	7	6	6	6
	綿豆敷 (pcs/pack)	240	240	240	240	240	240	240	240	210	210	180	180	180
	小包支數 (pcs/sub-bdi)	+	•	-	20	20	20	20	20	20	20	20	20	20
D16	小包捆数 (sub-bdl/pack)	-	-	-	8	8	8	8	7	7	6	6	6	5
	總支数 (pcs/pack)	160	160	160	160	160	160	160	140	140	120	120	120	100



品保實績Quality Assurance

- ・標準檢驗局正字標記工廠
- 鋼鐵粱輻射偵檢作業合格工廠
- ・標準檢驗局國際品保制度(ISO 9001)認證工廠
- ・SGS環境管理系統(ISO 14001)認證工廠
- · 碳鋼低合金鋼化學成份分析獲TAF實驗室認證通過
- · 營建工程测試領域獲TAF實驗室認證通過
- ・熱軋構造用圓棒鋼、方鋼、角鋼、扁鋼及槽鋼獲歐盟認證通過(CE Mark)
- ·一般構造用鋼、機械構造用碳素鋼和鋼筋獲日本品質保證機構承認為新JIS Mark產品





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CHART OF ACCOUNTS

	ACCOUNT NAME (IN CHINESE)	ENGLISH TRANSLATION
1111-	現숙	CASH
1112-	97.2 银行在款	CASH IN BANKS
1113-	你行外赘在款	CASH IN BANK FOREIGN CURRENCY
1114-	定期银行存款	TIME DEPOSIT
1117-	約書現合	CASHEQUIVALENTS
1131-	康收至 握	NOTES RECEIVABLE
1132-	其他原收票据	OTHER NOTES RECEIVABLE
1133-	底 b 急越 貼現	DISCOUNTED NOTES RECEIVABLE
1139-	借抵呆帳一應收票據	ALLOWANCE FOR UNCOLLECTIBLE ACCOUNTS-NOTES RECEIVABLE
1151-	康收长数	ACCOUNT RECEIVABLE
1159-	備抵呆帳-應收帳款	ALLOWANCE FOR UNCOLLECTIBLE ACCOUNTS - ACCOUNTS RECEIVABLE
1172-	應收外幣	RECEIVABLE - FOREIGN CURRENCIES
1173-		INVESTMENTS RECEIVABLES
1174-	應收沖退稅款	A TAX REBATE
1175-		FORWARD EXCHANGE CONTRACT RECEIVABLE - FOREIGN CURRENCIES
1176-	愿收其他款	OTHER RECEIVABLES
1179-	備抵呆帳-其他應收款	ALLOWANCE FOR UNCOLLECTIBLE ACCOUNTS - OTHER RECEIVABLES
1181-		DUE OF INTEREST
1182-		RECEIVABLE DIVIDENDS INCOME
1188-	悲收其他收益	OTHER EARNED REVENUE RECEIVABLE
1189-	保持呆蝇一其体真的的治	ALLOWANCE FOR UNCOLLECTIBLE ACCOUNTS -OTHER EARNED REVENUE
1011		
1211-	製成品	
1212-	半成品	
1213-	原料	
1214-	物料	
1215-	在途半成品	IN TRANSIT - WORK IN PROCESS
1216-	在途原料	
1217-	在途物料	
1218-	仕違親成品	
1201-		
1232-	符题十成的	
1233-	付款尽村	
1230	行版初刊 他社会作品は	
1255-	加强行用或慎慎大	
1252.	1X11新月	PREPAID RENTS
1252-	预计保险费	
1256-	预计设置	
1255-	工廠用品	
1256-		PENDING FOR INSPECTION OFFICE SUPPLIES
1258-	<u>其他</u> 預付費用	OTHER PREPAID EXPENSES
1259-	低抵工商用品铁价指头	ALLOWANCE FOR INVENTORY LOSSESOFFICE SUPPLIES
1261-	荷付货款	PREPAYMENT FOR GOODS
1262-	<u>淮</u>	VAT PAID
1263-	留振誉業税	EXCESS BUSINESS TAX PAID
1268-	其他預付款	OTHER PREPAYMENTS
1281-	暂付款	TEMPORARY PAYMENT
1282-	代付款	PAYMENT ON BEHALF OF OTHERS
1286-	选延所得税资产一流勤	DEFERRED INCOME TAX ASSETS
1287-	受限制用途資產 - 流動	CERTIFICATE OF DEPOSIT-RESTRICTED
1311-	交易目的金融資產一投資	FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT OR LOSS
1312-	交易目的金融資一評調	Adjustments for change in value of investment FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT OR LOSS
1321-	流儋供出售金融资產一投資	AVAILABLE - FOR - SALE FINANCIAL ASSETS
1322-	流備出金費一評調	Adjustments for change in value of investment AVAILABLE - FOR - SALE FINANCIAL ASSETS
1421-	操權益法之長期投資	LONG-TERM INVESTMENTS AT EQUITY
1423-	不動產投資	REAL ESTATE IN-VESTMENTS
L		

第1頁,共5頁

1425-	預付長期投資款	PREPAYMENT FOR LONG-TERM INVESTMENTS	
1426-	其他長期投資	OTHER LONG-TERM INVESTMENTS	
1481-	非流成本衡量金融資產	FINANCIAL ASSETS AT COST-NONCURRENT	
1501-	上地	NON-AMORTIZATION EXPENSES	
1511-	土地改良物	NON-AMORTIZATION EXPENSES IMPROVEMENT	
1519-	累計折舊一土地改良物	ACCUMULATED DEPRECIATION NON-AMORTIZATION EXPENSES IMPROVEMENT	
1521-	房屋及建築	BUILDINGS AND STRUCTURES	
1529-	累計折舊一房屋及建築	ACCUMULATED DEPRECIATION - BUILDINGS AND STRUCTURES	
1531-		MACHINERY AND EQUIPMENT	
1532-	電氣設備	ELECTRICAL EQUIPMENT	
1539-	累計折舊一機械設備	ACCUMULATED DEPRECIATION - MACHINERY AND EQUIPMENT	
1541-	運輸設備	TRANSPORTATION EQUIPMENT	
1549-	累計折舊一運輸設備	ACCUMULATED DEPRECIATION TRANSPORTATION FOUPMENT	
1551-	4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	MAKE MONEY EQUIPMENT	
1 559-	<u></u>	ACCUMULATED DEPRECIATION-MAKE MONEY FOLIIPMENT	
1561-	和雪物改良		
1569		ACCUMINATED DEPRECIATION - LEASEHOLD IMPROVEMENT	
1571-	本時田定资本		
1581_	计微国尺贝庄	CONSTRUCTION IN PROCESS	
1682.	本元上程		
1002*	「現代教術教」 茨はそうな		
1003-			
1504-	現何土地款		
1771-	逃延退休会成本		
1778-	【其他黑形資產		
1811-			
1812-	工廠用品一非流動	OFFICE SUPPLIES-NONCURRENT	
1818-	備抵其他資產跌價損失	ALLOWANCE FOR INVENTORY LOSSES-	
1819-	累计拆售一閒置資產	ACCUMULATED DEPRECIATION -IDLE ASSETS	
1821-	存出保證会		
1831-	遇延費用	DEFERRED CHARGES	
1832-	債券發行成本	BOND ISSUANCE COSTS	
1833-	未抛銷費用	NON-AMORTIZATION EXPENSES	
1834-	待結轉攤銷	NON-AMORTIZATION EXPENSES-CONSTRUCTION IN PROCESS	
1848-	催收款項	OVERDUE RECEIVABLES	
1861-	遞延所得稅資產一非流動	DEFERRED INCOME TAX ASSETS-NONCURRENT	
1887-	受限制资产一非流动	CERTIFICATE OF DEPOSIT-RESTRICTED-NONCURRENT	
1888-	其他資產	MISCELLANEOUS ASSETS - OTHER	
2101-	銀行透支	OVERDRAFTS FROM BANKS	
2121-	購料借款	LOAN FOR MATERIAL PURCHASE	
2122-	外销借款	LOAN FOR EXPORTS	
2123-	信用借款		
2124-	客票借款	LOAN FOR BILLS	
2125-	银行承兑匯票	BANKACCEPTANCE	
2126-	應付国外承兌票據	PAYABLES - ACCEPTED DRAFT	
2129-	其他銀行借款	OTHER SHORT-TERM LOAN	
2139-	其他短期借款	OTHER SHDRT-TERM BANK LOAN	
2141-	應付商業本 票	COMMERCIAL PAPERS PAYABLE	
2151-	應付票據	NOTES PAYABLE	
2161-		ACCOUNTS PAYABLE	
2162-	待匪款項	ACCOUNTS PAYABLE-CASH	
2188-	暂结應付税款	ACCOUNTS PAYABLE	
2181-	交易目的金融負債	FINANCIAL LIABILITIES AT FAIR VALUE THROUGH INCOME STATEMENT	
2182-	交易目的金融负债一评调	Adjustments for change in value of investment FINANCIAL LIABILITIES AT FAIR VALUE	
2101.	库什然世际领袖		
2131-	超り名素均伊税 ホルテム キ		
2411-	周行电力す		
2212	<u> 肠17新-2.久奕金</u>		
2213-	悉可想金		
2214-			
2215-			
2216-	恩付佣金	ACCRUED COMMISSION PAYABLE	
2217-	應付退休金一流動	ACCRUED PENSION COST PAYABLE	

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2219-	其他應付費用	OTHER ACCRUED EXPENSES PAYABLE	
2224-	銷項稅額	VAT RECEIVED	
2225-	應付營業稅	ACCRUED VAT PAYABLE	
2226-	應付稅捐	ACCRUED TAXES PAYABLE	
2227-	應付股利	DIVIDEND PAYABLE	
2228-	愿付员工红科	EMPLOYEE BONUS PAYABLE	
2229-	愿付董監事酬务	COMPENSATION DUE TO DIRECTOR AND SUPERVISOR	
2238-		OTHER PAYABLES	
2241-		SALES REVENUE RECEIVED IN ADVANCE	
2248-	其他預收款	OTHER ADVANCED PAYMENTS	
2251-	一年內到期公司債	COMPANY BONDS PAYABLE-CURRENT PORTION	
2252-	一年內到期長期借款	LONG-TERM LIABILITIES-CURRENT PORTION	
2282-	代收款	RECEIPTS UNDER CUSTODY	
2286-		DEFERRED INCOME TAX LIABILITIES	
2298-	其他流動負債一其他	OTHER CURRENT LIABILITIES - OTHERS	
2411-	應付公司債	COMPANY BONDS PAYABLE	
2419-	應付公司債溢(折)價	PREMIUM (DISCOUNT) ON CORPORATE BONDS PAYABLE	
2421-	銀行長期借款	LONG-TERM LIABILITIES	
2428-	其他長期借款	LONG-TERM LOANS PAYABLE - OTHER	
2811-	應計退休会負借	ACCRUED PENSION LIABILITIES	
2821-	存入保健会	GUARANTEE DEPOSITS RECEIVED	
2851-	股支往來	OWNERS' CURRENT ACCOUNT	
2881-	·····································	DEFERRED INCOME TAX LIABILITIES -NONCURRENT	
2888-	<u>其他角借一其他</u>		
3111-	· · · · · · · · · · · · · · · · · · ·	CAPITAL - COMMON STOCK	
3121-	性别的股本		
3141-	刊·利和2024		
3151-	达公职的要批利 	STOCK DWDENDS TO BE DISTRIBUTED	
3211-	资本公告一共通股股票注册	ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR	
3212	青木小铁-拉到路路受给槽	ADDITIONAL PAID IN CAPITAL IN EXCESSION PAR	
3221-	当本小孩一席羞醉爱亦品 答本小孩一席羞醉爱亦品		
	A T A TR F MAIL TA X		
3231-	音本公绪一首在重任增值基础	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION	
3231- 3241-	資本公積一首產重估增值率備 資本公積一處分資產業益	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION	
3231- 3241- 3251-	寶本公積一首產重估增值準備 資本公積一處分資產增益 資本公務一。	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS	
3231- 3241- 3251- 3271-	資本公積一貫產重估增值準備 資本公積一處分資產增益 資本公積一受購資產 資本公積一受購資產 資本公司一会供消額	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION	
3231- 3241- 3251- 3271- 3282-	資本公積-首產重估增值率備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-食階資產 資本公司-合併溢額 資本公和-其他	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER	
3231- 3241- 3251- 3271- 3282- 3311-	資本公積-首產重估增值平備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-食噌資產 資本公司-合併溢額 資本公稅-其他 決定器份公路	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS	
3231- 3241- 3251- 3271- 3282- 3311- 3321-	資本公積-資產重估增值平備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-愛贈資產 資本公司-合併溢額 資本公積-其他 法定盈餘公務 排別公績	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351-	資本公積-資產重估增值平備 資本公積-處分資產增益 資本公積-愛贈資產 資本公司-合併溢額 資本公稅-其他 法定盈餘公積 特別公積 累積盈虧	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED FARMINGS	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3352-	資本公積-資產重估增值平備 資本公積-處分資產增益 資本公積-處分資產增益 資本公司-合併溢額 資本公稅-其他 法定盈餘公發 特別公積 累積盈虧 前期損益調整	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3352- 3353-	資本公積-首產重估增值平備 資本公積-處分資產增益 資本公積-處分資產增益 資本公司-合併溢額 資本公稅-其他 法定盈餘公務 特別公復 累積盈虧 前期損益調整 本期編者	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3352- 3353- 3421-	資本公積-首產重估增值單備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-変隙資產 資本公司-合併溢額 資本公稅-其他 法定盈餘公務 特別公積 累積盈虧 前期損益調整 本期損益 累積換算調整數	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3352- 3353- 3421- 3431-	資本公積-首產重估增值單備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-愛贈資產 資本公積-受贈資產 資本公積-支用資產 資本 市期損益調整 本期損益 素認知為認休会成本>	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3352- 3353- 3421- 3431- 3451-	資本公積-資産重估增值単備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-愛贈資產 資本公積-夏贈資產 資本公積-夏贈資產 資本公積-夏贈資產 資本公積-夏贈資產 資本公積-夏 資本公積 資本公積 資本公積 資本公積 資本公積 資本公積 資本公積 資本公積 資本 第積盈虧 前期損益調整 本期損益 累積換算調整數 未認列為退休金成本之 備出会咨表賞認過益	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT	
3231- 3241- 3251- 3251- 3282- 3311- 3321- 3351- 3352- 3353- 3421- 3431- 3451- 3511-	資本公積-資產重估增值單備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-支備資產 資本公司-合併滋額 資本公役-其他 法定盈餘公發 特別公積 累積盈虧 前期損益調整 本期損益 累積換算調整数 未認列為退休金成本之 備出金資未實現損益 慶藏股票	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3352- 3353- 3421- 3431- 3451- 3451- 3611- 3611-	資本公積-資産重估增值単備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-受購資產 資本公司-合併溢額 資本公稅-其他 法定盈餘公務 特別公積 累積盈虧 前期損益調整 本期損益 累積換算調整数 未認列為退休金成本之 備出金資未實現損益 庫藏股系 少報股機	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK MINORITY INTEREST INCOME	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3352- 3353- 3421- 3431- 3451- 3511- 3611- 4101-	賣本公積-黃產重估增值單備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-支滑資產 資本公積-其他 法定盈餘公務 特別公復 累積盈虧 前期損益調整 本期損益 累積換算調整數 未認列為退休金成本之 備出金資未實現損益 庫藏股需 少數股權 始貨收入	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK MINORITY INTEREST INCOME SALES REVENUE	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3351- 3352- 3353- 3421- 3431- 3451- 3451- 3611- 4101- 4111-	賣本公積 首產重估增值單備 資本公積 處分資產增益 資本公積 處分資產增益 資本公積 處分資產增益 資本公積 食贈資產 資本公積 含併溢額 資本公稅-其他 法定盈餘公務 特別公績 累積盈虧 前期損益調整 本期損益 累積換算調整数 未認列為退休金成本之 備出金資未實現損益 庫藏股票 少數股權 結貨收入 檔差調整	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK MINORITY INTEREST INCOME SALES REVENUE SPREAD ADJUSTMENT	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3351- 3352- 3353- 3421- 3431- 34431- 3451- 3611- 4101- 4111- 4171-	賣本公積-首產重估增值單備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-愛赚資產 資本公積-登赚資產 資本公積-其他 法定盈餘公務 特別公積 累積盈虧 前期損益調整 本期損益 累積換算調整數 未認列為退休金成本之 備出金資未實現損益 庫藏股系 少數股權 結貨收入 償差調整 鋪買返回	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK MINORITY INTEREST INCOME SALES REVENUE SPREAD ADJUSTMENT SALES RETURN	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3351- 3352- 3353- 3421- 3431- 3451- 3451- 3611- 4101- 4111- 4171- 4172-	資本公積 首產重估增值單備 資本公積 處今資產增益 資本公積 處今資產增益 資本公積 處介資產 資本公積 金赚資產 資本公積 支 法定盈餘公積 特別公復 累積盈虧 前期損益 累積換算調整 本期損益 累積換算調整 水認列為退休金成本之 備出金資未實現損益 庫藏股系 少數股權 銷貨進回 均貨退回 均貨退回 均貨退回	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK MINORITY INTEREST INCOME SALES RETURN SALES RETURN-WEIGHTLESSNESS	
3231- 3241- 3251- 3271- 3282- 3311- 3321- 3351- 3352- 3353- 3421- 3431- 3431- 3451- 3451- 3611- 4101- 4111- 4171- 4172- 4191-	賣本公積-黃產重估增值單備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙 特別公積 累積盈虧 前期損益調整 本期損益 累積換算調整 本期損益 累積換算調整 本期損益 累積換算調整 本期損益 累積換算調整 小類股權 續貨业四 續貨业回失重 結告新漢	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK MINORITY INTEREST INCOME SALES RETURN SALES RETURN-WEIGHTLESSNESS SALES DISCOUNT AND ALLOWANCE	
3231- 3241- 3251- 3251- 3252- 3311- 3321- 3351- 3352- 3353- 3421- 3451- 3451- 3611- 4101- 4101- 4111- 4171- 4172- 4191- 4661-	資本公積-首產重估增值單備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 特別公積 累積換算調整 本期損益 累積換算調整 本期損益 累積換算調整 本期損益 累積換算調整 本期損益 累積換算調整 本期損益 累積換算調整 本期損益 累積換算調整 本期通益 算產調整 請買返回 銷貨 銷貨新濃 加工收入	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN OTHER LEGAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK MINORITY INTEREST INCOME SALES RETURN SALES RETURN-WEIGHTLESSNESS SALES DISCOUNT AND ALLOWANCE MANUEACTURING OVERHEAD REVENUE	
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3231- 3241- 3251- 3271- 3282- 3311- 3351- 3351- 3352- 3353- 3421- 3431- 3451- 3451- 3451- 3451- 3451- 3451- 3451- 3451- 3451- 3451- 3451- 3511- 4101- 4171- 4171- 4171- 4172- 4191- 4661- 5012- 5013- 5015- 5016- 5017- 5018-	資本公積-首產重估增值單備 資本公積-處分資產增益 資本公積-處分資產增益 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙資產 資本公積-金隙 時間 資本公積-金隙 時間 資本公積-金隙 時期 資本公積 第 前期 第 市期 算法 本期損益 累積換算調整 本期損益 累積換算調整 本期損益 累積換算調整 小 算進回 銷貨超回 銷貨超回 銷貨加工費用 靖貨加工費用 靖貨型 存貨量量 存貨量量 存貨量量 有貨点 資貨水 消貨点 消貨点 消貨 加工費用	ADDITIONAL PAID-CAPITAL SURPLUS FROM ASSETS REVALUATION ADDITIONAL PAID-IN CAPITAL IN EXCESS OF PAR ADDITIONAL PAID-IN CAPITAL IN DONATED SURPLUS ADDITIONAL PAID-IN CAPITAL SURPLUS FROM BUSINESS COMBINATION ADDITIONAL PAID-IN CAPITAL SURPLUS SPECIAL SURPLUS SPECIAL SURPLUS RETAINED EARNINGS PROFIT AND LOSS -PRIOR PERIOD NET INCOME CUMULATIVE TRANSLATION ADJUSTMENT NET LOSS NOT RECOGNIZED AS PENSION COST ALLOWANCE FOR UNREALIZED LOSS ON LONG-TERM INVESTMENT TREASURY STOCK MINORITY INTEREST INCOME SALES REVENUE SPREAD ADJUSTMENT SALES RETURN SALES RETURN-WEIGHTLESSNESS SALES RETURN-WEIGHTLESSNESS SALES DISCOUNT AND ALLOWANCE MANUFACTURING OVERHEAD REVENUE COSTS OF GOODS SOLD IMPORT COST ADJUSTMENT OVERHEAD - CONVERSION COST POUNDS OF POOR ADJUSTMENT GAIN(LOSS) ON STOCK LOSS FOR MARKET PRICE DECLINE AND OBSOLETE AND SLOW-MOVING INVENTORIES COST OF GOODS SOLD - TRANSFERRED FROM FIXED EXPENSES REVENUE FROM SALE OF SCRAPS	

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5101-	直接原料	TRANSFERRED OUT- RAW MATERIALS	
5401-	直接人工	DIRECT LABOR	
5501-	鄙接人工	OVERHEAD - INDIRECT LABOR	
5503-		OVERHEAD - I-OUTSOURCING PAYROLL	
5504-	伙食費	OVERHEAD – MEAL EXPENSES	
5505-	職工福利	OVERHEAD - EMPLOYEE BENEFITS	
5506-	著 健保背	OVERHEAD - LABOR AND HEALTH INSURANCE EXPENSES	
5507-	退休金貨用	OVERHEAD -PENSION COST	
5509-	其他用人費用	QVERHEAD - OTHER PROFESSIONAL SERVICE EXPENSE	
5531-	文具用品及印刷	OVERHEAD - OFFICE SUPPLIES	
5532-		OVERHEAD -TRAVELING EXPENSE	
5533-	·····································	POLLUTION CONTROL EXPENSE	
5534-	修繕貨	OVERHEAD - REPAIR AND MAINTENANCE EXPENSE	
5535-	基本電費	OVERHEAD - WATER AND ELECTRICITY EXPENSE	
5536-	保險費		
5537-	電力費	OVERHEAD - ELECTRICITY EXPENSE	
5538-	· · · · · · · · · · · · · · · · · · ·	OVERHEAD - ENTERTAINMENT EXPENSE	
5539-	副续售	OVERHEAD - TRAINING	
5540-	汽車售用	OVERHEAD - CAR	
5541-	執行業務費用	OVERHEAD - PROFESSIONAL SERVICE EXPENSE	
5542-	委托研究检验试验费	PROFESSIONAL SERVICE EXPENSE	
5544-	雷托曼		
5545-	9K点理查		
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5551.			
5552-	体现自动的		
5553-	久頂擔招		
5561-	世界神经		
5562-			
5571-	л.я. 招啦		
5572-	2/3 / 14		
5573-	(A)(1)		
5581-	田宮海田植物作品大		
5591-	피소 5 h		
5592-	[[] 世 之 山 [] [] [] [] [] [] [] [] [] [] [] [] []		
5599-	其他创造费用		
6101-	装资费用	SALARY EXPENSES	
6102-	*** * *******************************		
6103-	<u> </u>	PROFESSIONAL SERVICE EXPENSE	
6104-	10-R 400		
6105-	内はて 没知		
6106-	<u>滋徒</u> 促勇		
6107-	·万风环炎		
6109-	· · · · · · · · · · · · · · · · · · ·		
6131-	<u>オ見田県谷的劇</u>		
6132-	大兴市 四次平村		
6133-	小 頁 		
6134-	<u>打示良</u>		
6135	这些恶		
6138-	/// 查 J // 上 化		
6137-	· 赤 IX 月 小 赤 石 北 起		
6128	小电北州 頁		
6130-	文/家 p 		
6140-	训练员 一		
6141	11千月月 私仁者放集日		
0141- 6140	我们 杀扬 真用		
6142-	杂記研究微微試統資 	COMMISSIONED RESEARCH TESTING AND INSPECTION FEES	
0143-	研究育		
0144-	1电结赛		
0140-	<u>政務賃用</u>		
0140-	工安支出		
6151-	折告		
0152-	修繕貫撤銷	VARIOUS AMORTIZATIONREPAIR AND MAINTENANCE EXPENSE	

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6153-	各項攤提	VARIOUS AMORTIZATION	
61 61-		TAXES	
6162-		GOVERNMENTAL FEES	
6171-		DONATIONS	
6172-		MANDATORY ANNUAL FEE AND DUES	
6173-		VOLUNTARY ANNUAL FEES AND DUES	
6181-	運費	FREIGHT	
6182-	销货折扣	DISCOUNT	
6183-	佣金支出	COMMISSION	
6184-	出口費用	EXPORT EXPENSES	
6185-	试验检验资	TEST INSPECTION EXPENSES	
8186-	保證費	GUARANTEE EXPENSES	
6189-		BAD DEBIT	
6192-	租金支出	RENT EXPENSES	
6199-		MISCELLANEOUS EXPENSES	
7111-	利息收入	INTEREST REVENUE	
7112-	投資收益	INVESTMENT INCOME	
7113-	庭分资连利益	GAIN ON DISPOSAL OF ASSETS	
7114-	處分投資收益	GAIN ON DISPOSAL OF INVESTMENTS	
7116-	兌換盈益	FOREIGN EXCHANGE GAINS	
7117-	建的金及理赔收入	LIQUIDATED DAMAGES AND CLAIMS INCOME	
7118-	租金收入	RENTAL INCOME	
7126-	退税收入	REBATE INCOME	
7127-	補助款	GOVERNMENT GRANTS	
7131-	金融資產評價利益	VALUATION GAIN ON FINANCIAL ASSETS	
7132-	金融负债评价利益	VALUATION GAIN ON FINANCIAL LIABILITIES	
7133-	其他评价利益	OTHER VALUATION GAIN	
7191-	技術服務收入	REVENUE IN TECHNOLOGY SERVICES	
7199-	其他收入	OTHER NON-OPERATING REVENUE	
8111-	利息支出	INTERESTEXPENSE	
8112-	投資損失	INVESTMENT LOSSES	
8113-	處分資產損失	PROPERTY EXCHANGE LOSSES	
8114-	處分投資損失	LOSS ON DISPOSAL OF INVESTMENTS	
8116-	<u></u>	FOREIGN EXCHANGE LOSS	
8125-	財務費用	FINANCE COSTS	
8126-	閒置資產折舊及跌價損失	DEPRECIATION EXPENSE-IDLE ASSETS	
8131-	金融資產評價損失	VALUATION LOSS ON FINANCIAL ASSETS	
8132-	金融负债評價損失	VALUATION LOSS ON FINANCIAL LIABILITIES	
8133-	其他评质损失	OTHER VALUATION LOSS	
8191-	人員補償、操却全	STAFF COMPENSATION, PENSION	
8199-	其他损失	OTHER LOSS	
9111-	所得税費用	INCOME TAX	
9112-	逓延所得税利益(費用	DEFERRED INCOME TAX BENEFIT(OR EXPENSES)	
9300-	合计原则模构显计影耀	CUMULATIVE REFECT OF CHANGES IN ACCOUNTING PRINCIPLES	

Attachment A-4-3c

Non-Confidential

Transportation Accounts

- 6181 D 運費 (Freight)
- 6181 001 D 運費一內銷角鐵 (inland freight domestic angle)
- 6181 002 D 運費一內銷MQ (inland freight domestic MQ)
- 6181 003 D 運費一內銷扁鋼 (inland freight domestic flat)
- 6181 004 D 運費一內銷槽鋼 (inland freight domestic channel)
- 6181 101 D 運費一內銷圓鐵 (inland freight domestic round bar)
- 6181 201 D 運費一內銷鋼筋(inland freight domestic rebar)
- 6181 501 D 運費-外銷角鐵(inland freight export angle)
- 6181 502 D 運費一外銷MQ (inland freight export MQ)
- 6181 503 D 運費-外銷扁鋼(inland freight export flat)
- 6181 504 D 運費一外銷槽鋼(inland freight export channel)
- 6181 511 D 運費-外銷圓鐵(inland freight export round bar)
- 6181 521 D 運費一外銷鋼筋(inland freight export rebar)
- 6181 611 D 海運費-外銷角鐵 (ocean freight export angle)
- 6181 612 D 海運費-外銷MQ (ocean freight export angle)
- 6181 613 D 海運費-外銷扁鋼 (ocean freight export flat)
- 6181 614 D 海運費-外銷槽鐵 (ocean freight export channel)
- 6181 621 D 海運費一外銷圓鐵 (ocean freight export round bar)
- 6181 631 D 海運費-外銷鋼筋 (ocean freight export rebar)
- 6181 641 D 海運費一外銷MQ鋼 ocean freight export MQ)

Attachment A-4-3c

Non-Confidential

Transportation Accounts

- 6181 D 運費 (Freight)
- 6181 001 D 運費一內銷角鐵 (inland freight domestic angle)
- 6181 002 D 運費一內銷MQ (inland freight domestic MQ)
- 6181 003 D 運費一內銷扁鋼 (inland freight domestic flat)
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- 6181 101 D 運費一內銷圓鐵 (inland freight domestic round bar)
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- 6181 502 D 運費-外銷MQ (inland freight export MQ)
- 6181 503 D 運費-外銷扁鋼(inland freight export flat)
- 6181 504 D 運費-外銷槽鋼(inland freight export channel)
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- 6181 611 D 海運費一外銷角鐵 (ocean freight export angle)
- 6181 612 D 海運費一外銷MQ (ocean freight export angle)
- 6181 613 D 海運費-外銷扁鋼 (ocean freight export flat)
- 6181 614 D 海運費-外銷槽鐵 (ocean freight-export channel)
- 6181 621 D 海運費-外銷圓鐵 (ocean freight export round bar)
- 6181 631 D 海運費-外銷鋼筋 (ocean freight export rebar)
- 6181 641 D 海運費-外銷MQ鋼 ocean freight export MQ)

Attachment B-2e-1

Non-Confidential

Export Sales Flowchart



Domestic Sales Flowchart



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Non-Confidential

Domestic Customer Name/ Code

Customer Code	Customer Name
00665272	基昌
04452693	利商
06553632	百佑
06848545	大祥
07033028	大勝
11175358	永光華
12641732	永成裕
16046066	兆遠工業
16187425	沅鉦
16404056	金永誠
16415650	尚新貿
16763806	惠竑
16877152	奕全
18196809	易利
20875917	大攏
20925796	天榮
22078728	協鉅
22117736	<u></u> 춫 쇼
22119050	陸伸
22124286	盈智
22185570	立達
22310367	崑明
22351211	盛豐
22505320	安億
22567633	慶安
22930612	國暉
23063441	泰一鋼鐵
23077085	益鴻
23295224	通緯

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23664227	光昌
23772582	鑫毅
23967209	鐘毅
24525575	界達
25000463	金正□
28875165	荃揚
28942930	新發利
31322189	誠鋼
34032375	錦江
35997826	慶春
36078163	偉元
44999403	源祥
45346719	協鎰鋼鐵行
48400125	政裕
49718607	雨昇
50520815	□锝泰
52267129	聯誠
52353969	懷德行
52648916	冠發
52784051	春宇
54061849	永昇金屬
54504540	仕勳
55670334	大甲鐵材
56623578	建承
56698789	安典
56985760	常勝
60287555	坤樺
69571406	加泓
70430572	渠鑫
70614142	泉順興
73640952	永昇
73720744	凱鴻
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75951712	久量
79079872	立泰
79413048	富貿
80635883	錞揚
81343511	安奎
83713594	維勝
84070535	鋐洲
84250918	金德昌
84419198	巨燁
84890885	金山總晟
85614583	連泰
86078414	育茂
86080018	延瓊
86108276	統一
86121165	豐暉
86250364	任勳
86454661	高古
86828850	廣佑
86993295	協泰欣
89261512	頡慶
89291255	金大祥
89317327	上順興
89337267	禧泰
89353358	鑫國榮
89560434	永和興
89562340	易良
89567844	
89902925	永成發
89983530	金鉅
97468662	銘基

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Attachment G-2-4

Cost Centre (成本中心代號中英文對照)				
特性	成本中心代號	中文名稱	英文名稱	
間接部門	C400	倉儲處	Warehouse Division	
	C410	成品倉儲課	Finished Goods Warehouse Section	
	C420	材料倉儲課	Material Warehouse Section	
	C430	原料檢收課	Raw Material Inspection Section	
	T400	機電設備處	E&M Facilities Division	
	T420	軋鋼電機課	Steel Rolling Electrical Engineer Section	
	W170	爐渣資源化	Slag Recycling Section	
	W190	廢鐵處理機	Scrap Handling Section	
	W350	煉鋼技術課	Steel Refinery Technology Section	
	W370	161KV 變電站	161KV Eletrical Station	
	W380	PSA 氧氣場	PSA Oxygen Place	
	W390	VPSA 氧氣場	VPSA Oxygen Place	
	W600	煉鋼維護處	Steel Refinery Maintenance Section	
	W630	公設課	Utility Section	
	W650	水處理班+空壓機	Water Recycling + Air Pressure	
	W660	PVSA 氧氣場	PVSA Oxygen Place	
	W675	車輛班	Truck Arranging Class	
直接部門	W100	煉一廠	First Refinery Plant	
	W110	煉一製鋼課	Steel Making Section	
	W120	煉一連鑄課	Continuous Casting Section	
	W130	煉一機維組	Maintenance Section	
	W140	煉一電機組	Electrical Engineer Section	
	W200	軋一廠	First Steel Rolling Plant	
1	W220	鋼筋課	Steel Bar Section	
1	W230	鋼筋機維組	Machine Maintenance Section	
1	W240	電機整備班	Machinese/Electrical Prepare Section	
1	W210	型鋼課	Shape Section	
1	W250	型鋼機維組	Machine Maintenance Section	
1	W260	型鋼電機組	Machinese/Electrical Prepare Section	
1	W280	小扁銅工場	LLP Section	
ł	W300	煉二廠	Second Refinery Plant	
İ	W310	煉二製鋼課	Steel Making Section	
l	W320	煉二連鑄課	Continuous Casting Section	
1	W330	煉二機維組	Maintenance Section	
l	W340	煉二電機組	Electrical Engineer Section	
l	W400	軋二廠	Second Steel Rolling Plant	
l	W410	品質管理課	Quality Control Section	
1	W415	研磨場	Scrape Place	
l	W420	條鋼課	Bar Steel Section	
1	W430	劃.二機維組	Machine Maintenance Section	
	W440	<u>東二電機組</u>	Electrical Engineer Section	
