Stock Code:1608

HUA ENG WIRE & CABLE CO., LTD. AND SUBSIDIARIES

Consolidated Financial Statements

With Independent Auditors' Report For the Years Ended December 31, 2019 and 2018

Address:No. 170, Chung Cheng 4th Road, Kaohsiung, Taiwan, R.O.C.Telephone:886-7-281-4161

The independent auditors' report and the accompanying consolidated financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of the English and Chinese language independent auditors' report and consolidated financial statements, the Chinese version shall prevail.

Table of contents

	Contents	Page
1. Cov	er Page	1
2. Tabl	e of Contents	2
3. Rep	resentation Letter	3
4. Inde	pendent Auditors' Report	4
5. Con	solidated Balance Sheets	5
6. Con	solidated Statements of Comprehensive Income	6
7. Con	solidated Statements of Changes in Equity	7
8. Con	solidated Statements of Cash Flows	8
9. Note	es to the Consolidated Financial Statements	
(1)	Company history	9
(2)	Approval date and procedures of the consolidated financial statements	9
(3)	New standards, amendments and interpretations adopted	9~12
(4)	Summary of significant accounting policies	12~30
(5)	Significant accounting assumptions and judgments, and major sources of estimation uncertainty	30~31
(6)	Explanation of significant accounts	31~69
(7)	Transaction with related parties	69~71
(8)	Pledged assets	71
(9)	Commitments and contingencies	71
(10)	Losses due to major disasters	71
(11)	Significant subsequent events	71
(12)	Other	71
(13)	Other disclosures	
	(a) Information on significant transactions	72~73
	(b) Information on investees	74
	(c) Information on investment in Mainland China	74
(14)	Segment information	75~76

Representation Letter

The entities that are required to be included in the combined financial statements of HUA ENG WIRE & CABLE CO., LTD. as of and for the year ended December 31, 2019 under the Criteria Governing the Preparation of Affiliation Reports, Consolidated Business Reports, and Consolidated Financial Statements of Affiliated Enterprises are the same as those included in the consolidated financial statements prepared in conformity with International Financial Reporting Standards No. 10 endorsed by the Financial Supervisory Commission, "Consolidated Financial Statements." In addition, the information required to be disclosed in the combined financial statements is included in the consolidated financial statements. Consequently, HUA ENG WIRE & CABLE CO., LTD. and Subsidiaries do not prepare a separate set of combined financial statements.

Company name: HUA ENG WIRE & CABLE CO., LTD. Chairman: Hung-Ming Wang Date: March 23, 2020

Independent Auditors' Report

To the Board of Directors HUA ENG WIRE & CABLE CO., LTD.

Opinion

We have audited the consolidated financial statements of HUA ENG WIRE & CABLE CO., LTD. ("the Company") and subsidiaries ("the Group"), which comprise the consolidated balance sheets as of December 31, 2019 and 2018, the consolidated statements of comprehensive income, changes in equity and cash flows for the years then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as of December 31, 2019 and 2018, and its consolidated financial performance and its consolidated cash flows for the years then ended in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and with the International Financial Reporting Standards ("IFRSs"), International Accounting Standards ("IASs"), Interpretations developed by the International Financial Reporting Interpretations Committee ("IFRIC") or the former Standing Interpretations Committee ("SIC") endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China.

Basis for Opinion

We conducted our audit in accordance with the Regulations Governing Auditing and Certification of Financial Statements by Certified Public Accountants and the auditing standards generally accepted in the Republic of China. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Group in accordance with the Certified Public Accountants Code of Professional Ethics in Republic of China (" the Code"), and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis of our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters. The key audit matters we judged shall be presented in the financial report as follows:

1. Valuation of inventory

Please refer to Note 4(h) for significant accounting policies on inventories and Note 5(a) for significant accounting assumptions and judgment, and major sources of estimation uncertainty, information regarding the inventory is shown in Note 6(f) of the consolidated financial statements.

Description of key audit matter:

The Group's inventories are wire, cable and copper products which are measured at the lower of cost and net realizable value. Since the selling price is affected by copper price which fluctuates wildly in recent years, the valuation of inventory is one of the key areas our audit focused on.

How the matter was addressed in our audit:

In relation to the key audit matter above, our principal audit procedures include assessing the reasonableness of inventory valuation and obsolescence, and evaluating the assumptions made by the management; corroborating, on a sample basis, by testing the accuracy of inventory aging, examining their net realizable value to the recent sales records and making an analysis on the trend of international copper price fluctuations.

2. Non-financial asset impairment (Non-goodwill)

Please refer to Note 4(n) for significant accounting policies of non-financial asset impairment, Note 5(b) for significant accounting assumptions and judgment and major sources of estimation uncertainty, and Note 6(j) for non-financial asset impairment of the consolidated financial statements.

Description of key audit matter:

Since the carrying value of net asset of the Group is higher than its aggregate market value, the indication that an asset may be impaired caused considerable concern. Therefore, the non-financial asset impairment is one of the key areas our audit focused on.

How the matter was addressed in our audit:

In relation to the key audit matter above, our principal audit procedures included assessing whether there are impairment indications for the identified cash-generating units of the Group; understanding and assessing the appropriateness of the valuation model used by the management in the impairment assessment, and the significant assumptions used to determine related assets' future cash flows projection, as well as the weighted-average cost of capital; retrospectively reviewing the accuracy of assumptions used in prior-period estimates and performing a sensitivity analysis of key assumptions and results; performing an inquiry of the management and identifying any event after the balance sheet date whether they are able to affect the results of the impairment assessment; as well as evaluating the adequacy of the Group's disclosures of its policy on asset impairment and other related disclosures.

Other Matter

The Company has prepared its parent-company-only financial statements as of and for the years ended December 31, 2019 and 2018, on which we have issued an unmodified opinion.

Responsibilities of Management and Those Charged with Governance for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and with the IFRSs, IASs, IFRC, SIC endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance (including the Audit Committee) are responsible for overseeing the Group's financial reporting process.

Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the auditing standards generally accepted in the Republic of China will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with auditing standards generally accepted in the Republic of China, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- 1. Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- 2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- 3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- 4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Group to cease to continue as a going concern.

- 5. Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- 6. Obtain sufficient and appropriate audit evidence regarding the financial information of the investment in other entities accounted for using the equity method to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partners on the audit resulting in this independent auditors' report are Cheng Lung, Hsu and Po Jen, Yang.

KPMG

Taipei, Taiwan (Republic of China) March 23, 2020

Notes to Readers

The accompanying consolidated financial statements are intended only to present the consolidated statement of financial position, financial performance and cash flows in accordance with the accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to audit such consolidated financial statements are those generally accepted and applied in the Republic of China.

The independent auditors' audit report and the accompanying consolidated financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of the English and Chinese language independent auditors' audit report and consolidated financial statements, the Chinese version shall prevail.

Consolidated Balance Sheets

December 31, 2019 and 2018

(Expressed in Thousands of New Taiwan Dollars)

			December 31, 2	2019	December 31,	2018		
	Assets		Amount	%	Amount	%		Liabilities and Equity
	Current assets:							Current liabilities:
1100	Cash and cash equivalents (note 6(a))	\$	639,066	5	668,021	6	2100	Short-term borrowings (note 6(o))
1110	Current financial assets at fair value through profit or loss (note 6(b))		939,131	8	782,708	7	2110	Short-term notes and bills payable (notes 6(0) and (p))
1140	Current contract assets (note 6(x))		117,698	1	91,347	1	2130	Current contract liabilities (note 6(x))
1150	Notes receivable (note 6(d))		25,637	-	31,270	-	2150	Notes payable (notes $6(t)$ and 7)
1172	Accounts receivable (note 6(d))		888,477	7	1,040,267	9	2170	Accounts payable
1200	Other receivables (notes 6(d) and (e))		12,962	-	80,259	1	2180	Accounts payable to related parties (note 7)
130X	Inventories (note 6(f))		2,715,124	22	2,701,776	24	2200	Other payables (note 6(t))
1470	Other current assets (notes 6(n) and (s))	_	41,016		39,513		2230	Current tax liabilities
	Total current assets	_	5,379,111	43	5,435,161	48	2280	Current lease liabilities (note 6(r))
	Non-current assets:						2300	Other current liabilities (notes 6(q) and (x))
1510	Non-current financial assets at fair value through profit or loss (note 6(b))		2,223,185	18	1,668,934	14		Total current liabilities
1517	Non-current financial assets at fair value through other comprehensive							Non-Current liabilities:
	income (note 6(c))		74,895	1	92,817	1	2570	Deferred tax liabilities (note 6(u))
1550	Investments accounted for using equity method (note 6(g))		12,676	-	13,828	-	2580	Non-current lease liabilities (note 6(r))
1600	Property, plant and equipment (note 6(j))		2,983,585	24	2,960,133	26	2640	Non-current net defined benefit liabilities (note 6(t))
1755	Right-of-use-assets (note 6(k))		346,081	3	-	-	2645	Guarantee deposits received
1760	Investment property, net (note 6(l))		1,066,497	9	1,074,868	9		Total non-current liabilities
1840	Deferred tax assets (note 6(u))		138,999	1	71,049	1		Total liabilities
1915	Prepayments for equipment		69,006	1	3,649	-		Equity attributable to owners of parent (notes 6(h) and (v)):
1920	Guarantee deposits paid (note 6(e))		418	-	326	-	3110	Ordinary share
1985	Long-term prepaid rents (note 6(s))		-	-	90,737	1	3200	Capital surplus
1990	Other non-current assets, others (note $6(n)$)	_	8,874		8,874		3300	Retained earnings:
	Total non-current assets		6,924,216	57	5,985,215	52	3310	Legal reserve
							3320	Special reserve
							3350	Unappropriated retained earnings (deficit yet to be compensat
							3400	Other equity
							3500	Treasury shares
								Total equity attributable to owners of parent:
							36XX	Non-controlling interests (notes 6(h) and (i))
		_						Total equity
	Total assets	\$_	12,303,327	100	11,420,376	100		Total liabilities and equity

	December 31, 2	019	December 31, 2018				
_	Amount	%	Amount	%			
\$	1,045,043	9	934,907	8			
	1,705,938	14	1,599,565	14			
	35,175	-	83,634	1			
	11,264	-	16,952	-			
	342,301	3	422,259	4			
	105	-	495	-			
	158,861	1	148,020	1			
	-	-	18,391	-			
	15,796	-	-	-			
_	14,262		15,879				
_	3,328,745	27	3,240,102	28			
	786,866	7	787,401	7			
	247,052	2	-	-			
	27,171	-	102,832	1			
_	3,606	_	2,726				
_	1,064,695	9	892,959	8			
_	4,393,440	36	4,133,061	36			
_	6,327,735	51	6,327,735	55			
_	3,463	_	254,959	2			
	-	-	93,079	1			
	873,871	7	873,871	8			
_	649,975	5	(483,968)	(4)			
_	1,523,846	12	482,982	5			
_	(44,801)		(27,279)				
	(968,671)	(8)	(912,919)	(8)			
-			6,125,478				
-	1,068,315		1,161,837				
	7,909,887						
\$	12,303,327						
_							

Consolidated Statements of Comprehensive Income

For the years ended December 31, 2019 and 2018

(Expressed in Thousands of New Taiwan Dollars, Except for Earnings Per Common Share)

			2019		2018	
			Amount	%	Amount	%
4100	Operating revenues (notes 6(x))	\$	7,832,617	100	8,560,093	100
5000	Operating costs (notes 6(f), (s), (t), (y), 7 and 12)	_	7,734,558	99	8,233,135	96
5900	Gross profit		98,059	1	326,958	4
6000	Operating expenses (notes 6(t), (y), 7 and 12)	_	174,637	2	169,898	2
6900	Net operating income (loss)	_	(76,578)	(1)	157,060	2
7000	Non-operating income and expenses (notes 6(g), (q), (s), (z) and 7):					
7010	Other income		125,531	1	228,133	3
7020	Other gains and losses, net		637,850	8	(915,524)	(11)
7050	Finance costs		(21,827)	-	(15,985)	-
7060	Share of profit (loss) of associates and joint ventures accounted for using equity method, net	-	(1,152)	-	65	-
		-	740,402	9	(703,311)	(8)
7900	Profit (loss) before income tax		663,824	8	(546,251)	(6)
7950	Less: Income tax expenses (benefit) (note 6(u))	-	(68,595)	<u>(1</u>)	14,398	
8200	Profit (loss)	_	732,419	9	(560,649)	<u>(6</u>)
8300	Other comprehensive income (loss):					
8310	Items that may not be reclassified subsequently to profit or loss:					
8311	Remeasurements of defined benefit plans (note $6(t)$)		(9,662)	-	(17,203)	-
8316	Unrealized gains (losses) from investments in equity instruments measured at fair value through other comprehensive income		(17,922)	-	(3,386)	-
8349	Income tax related to components of other comprehensive income that will not be reclassified to profit or loss (note 6(u))	-				
8300	Other comprehensive income (after tax)	-	(27,584)		(20,589)	<u> </u>
8500	Comprehensive income	\$_	704,835	9	(581,238)	<u>(6</u>)
	Profit (loss) attributable to:					
8610	Owners of parent	\$	792,653	10	(617,703)	(7)
8620	Non-controlling interests (note 6(i))	_	(60,234)	<u>(1</u>)	57,054	1
		\$	732,419	9	(560,649)	<u>(6</u>)
	Comprehensive income (loss) attributable to:					
8710	Owners of parent	\$	768,383	10	(635,946)	(7)
8720	Non-controlling interests (note 6(i))	-	(63,548)	<u>(1</u>)	54,708	1
		\$	704,835	9	(581,238)	<u>(6</u>)
	Earnings per share (note 6(w)):	-				
9750	Basic earnings per share (in New Taiwan Dollars)	\$_		1.87		<u>(1.46</u>)
9850	Diluted earnings per share (in New Taiwan Dollars)	\$_		1.86		<u>(1.46</u>)

Consolidated Statements of Changes in Equity

For the years ended December 31, 2019 and 2018

(Expressed in Thousands of New Taiwan Dollars)

							Other e	equity				
					Retained earnings		Unrealized gains					
							(losses) from					
							financial assets					
						Unappropriated	measured at fair	Unrealized gains				
						retained	value through	(losses) on				
						earnings	other	available-for-		Total equity		
	(Ordinary				(deficit yet to	comprehensive	sale financial		1 *	Non-controlling	
		shares	Capital surplus	Legal reserve	Special reserve	compensated)	income	assets	Treasury shares		interests	Total equity
Balance at January 1, 2018	\$	6,327,735	194,806		947,629	433,232		123,591	(852,003)		1,139,850	8,363,962
Effects of retrospective application		-	-	_	-	147,359		(123,591)		-	-	_
Balance at January 1, 2018 after adjustments		6,327,735	194,806	49,122	947,629	580,591	(23,768)		(852,003)	7,224,112	1,139,850	8,363,962
Profit (loss) for the year ended December 31,2018		_				(617,703				(617,703)	57,054	(560,649)
Other comprehensive income for the year ended December 31, 2018		-	-	-	-	(15,070	/	-	-	(18,243)	(2,346)	(20,589)
Total comprehensive income for the year ended December 31, 2018		-	_	-	-	(632,773		_	_	(635,946)	54,708	(581,238)
Appropriation and distribution of retained earnings:))					()
Legal reserve appropriated		-	-	43,957	-	(43,957) -	-	-	-	-	-
Cash dividends of ordinary share		-	-	_	-	(461,925		-	-	(461,925)	-	(461,925)
Reversal of special reserve		-	-	-	(73,758)			-	-	-	-	-
Adjustments of capital surplus for company's cash dividends received		-	52,816	-	-	-	-	-	-	52,816	-	52,816
by subsidiaries			,							,		,
Difference between consideration and carrying amount of subsidiaries		-	7,337	-	-	-	-	-	(60,916)	(53,579)	(32,721)	(86,300)
acquired			,,						(***,****)	(,-,-)	(,)	(***,***)
Disposal of investments in equity instruments designated at fair value												
through other comprehensive income		-	-	-	-	338	(338)	-	-	-	-	-
Balance at December 31, 2018		6,327,735	254,959	93,079	873,871	(483,968		_	(912,919)	6,125,478	1,161,837	7,287,315
Profit (loss) for the year ended December 31,2019		_				792,653				792,653	(60,234)	732,419
Other comprehensive income for the year ended December 31, 2019)	-	-	-	-	(6,748		-	-	(24,270)	(3,314)	(27,584)
Total comprehensive income for the year ended December 31,2019		-	_	-		785,905		-	-	768,383	(63,548)	704,835
Appropriation and distribution of retained earnings:												
Legal reserve used to offset accumulated deficit		-	-	(93,079)) -	93,079	-	-	-	-	-	-
Capital surplus used to offset accumulated deficit		-	(254,959)		-	254,959		-	-	-	-	-
Difference between consideration and carrying amount of subsidiaries						,						
acquired		-	3,463	-	-	-	-	-	(55,752)	(52,289)	(29,974)	(82,263)
Balance at December 31, 2019	\$	6,327,735	3,463	-	873,871	649,975	(44,801)		(968,671)		1,068,315	7,909,887
	-	,- , , , , , , , , , , , , , , , , , ,								.,,.	,,	<i>p p</i>

Consolidated Statements of Cash Flows

For the years ended December 31, 2019 and 2018

(Expressed in Thousands of New Taiwan Dollars)

	2	2019	2018
Cash flows from operating activities:	¢		(546.051)
Profit (loss) before tax	\$	663,824	(546,251)
Adjustments: Adjustments to reconcile profit (loss):			
Depreciation expense		162,376	148,244
Amortization expense		-	30
Net loss (gain) on financial assets at fair value through profit or loss		(650,799)	898,824
Interest expense		21,827	15,985
Interest income		(149)	(174)
Dividend income		(81,133)	(190,360)
Share of loss (profit) of associates and joint ventures accounted for using equity method		1,152	(65)
Loss (gain) on disposal of property, plant and equipment		730	(771)
Long-term prepaid rents		-	5,731
Provision increase (reversal)		(4,110)	4,742
Total adjustments to reconcile profit (loss) Changes in operating assets and liabilities:		(550,106)	882,186
Net changes in operating assets:			
Increase in contract assets		(26,351)	(27,944)
Decrease (increase) in notes receivable		5,633	(8,959)
Decrease in accounts receivable		151,790	191,285
Decrease in accounts receivable due from related parties		-	10
Decrease (increase) in other receivables		(1,423)	12,073
Decrease (increase) in inventories		(13,348)	631,479
Decrease (increase) in other current assets		(1,503)	110,567
Total net changes in operating assets		114,798	908,511
Net changes in operating liabilities:			
Decrease in contract liabilities		(48,459)	(60,589)
Decrease in notes payable		(5,688)	(5,126)
Increase (decrease) in accounts payable		(79,958)	63,898
Increase (decrease) in accounts payable to related parties Increase (decrease) in other payable		(390) 14,871	390 (44,698)
Increase (decrease) in other current liabilities		2,493	(44,098) (591)
Decrease in net defined benefit liabilities		(85,323)	(37,344)
Total net changes in operating liabilities		(202,454)	(84,060)
Total net changes in operating assets and liabilities		(87,656)	824,451
Total adjustments		(637,762)	1,706,637
Cash inflow generated from operations		26,062	1,160,386
Interest received		149	178
Dividends received		81,181	190,312
Interest paid		(9,517)	(5,488)
Income taxes paid		(18,281)	(33,284)
Net cash flows from operating activities		79,594	1,312,104
Cash flows used in investing activities: Acquisition of financial assets at fair value through profit or loss		(59,875)	(74,877)
Proceeds from disposal of financial assets at fair value through other comprehensive income		-	2,400
Acquisition of property, plant and equipment		(155,002)	(123,097)
Proceeds from disposal of property, plant and equipment		236	(123,057)
Acquisition of investment property		(150)	(979)
Increase in prepayments for equipment		(65,357)	(3,649)
Decrease (increase) in guarantee deposits paid		68,580	(67,186)
Net cash flows used in investing activities		(211,568)	(266,617)
Cash flows from (used in) financing activities:			
Increase (decrease) in short-term borrowings		110,136	(164,639)
Increase (decrease) in short-term notes and bills payable		94,078	(110,856)
Increase (decrease) in guarantee deposits received		1,621	(1,811)
Payment of lease liabilities Cash dividends paid		(15,568)	- (409,109)
Acquisition of ownership interests of subsidiaries		(87,248)	(409,109) (81,315)
Net cash flows from (used in) financing activities		103,019	(767,730)
Net increase (decrease) in cash and cash equivalents		(28,955)	277,757
Cash and cash equivalents at beginning of period		668,021	390,264
Cash and cash equivalents at end of period	\$	639,066	668,021
	-	,	,

Notes to the Consolidated Financial Statements

For the years ended December 31, 2019 and 2018

(Expressed in Thousands of New Taiwan Dollars, unless otherwise specified)

(1) Company history:

Hua Eng Wire & Cable Co., Ltd. ("the Company") was incorporated on December 8, 1956, as a company limited by shares and registered under the Ministry of Economic Affairs, R.O.C. The address of the Company's registered office is No. 170, Chung Cheng 4th Road, Kaohsiung, Taiwan R.O.C. The Company and subsidiaries (together referred to as the "Group") is engaged in the processing, manufacture, sale and construction of wire, cable and copper products.

(2) Approval date and procedures of the consolidated financial statements:

The consolidated financial statements were authorized for issue by the Board of Directors on March 23, 2020.

(3) New standards, amendments and interpretations adopted:

(a) The impact of the International Financial Reporting Standards ("IFRSs") endorsed by the Financial Supervisory Commission, R.O.C. ("FSC") which have already been adopted.

The following new standards, interpretations and amendments have been endorsed by the FSC and are effective for annual periods beginning on or after January 1, 2019.

New, Revised or Amended Standards and Interpretations	Effective date per IASB
IFRS 16 "Leases"	January 1, 2019
IFRIC 23 "Uncertainty over Income Tax Treatments"	January 1, 2019
Amendments to IAS 19 "Plan Amendment, Curtailment or Settlement"	January 1, 2019
Amendments to IAS 28 "Long-term interests in associates and joint ventures"	January 1, 2019
Annual Improvements to IFRS Standards 2015–2017 Cycle	January 1, 2019

Except for the following items, the Group believes that the adoption of the above IFRSs would not have any material impact on its consolidated financial statements. The extent and impact of signification changes are as follows:

(i) IFRS 16"Leases"

IFRS 16 replaces the existing leases guidance, including IAS 17 Leases, IFRIC 4 Determining whether an Arrangement contains a Lease, SIC-15 Operating Leases – Incentives and SIC-27 Evaluating the Substance of Transactions Involving the Legal Form of a Lease.

The Group applied IFRS 16 using the modified retrospective approach. The details of the changes in accounting policies are disclosed below.

1) Definition of a lease

Previously, the Group determined at contract inception whether an arrangement is or contains a lease under IFRIC 4. Under IFRS 16, the Group assesses whether a contract is or contains a lease based on the definition of a lease, as explained in note 4(1).

On transition to IFRS 16, the Group chooses to apply the definition of a lease to all its contracts whether a contract is, or contains, a lease. The Group assesses that current lease of parking space do not comply with the definition of lease under IFRS 16.

2) As a lessee

As a lessee, the Group previously classified leases as operating or finance leases based on its assessment of whether the lease transferred significantly all of the risks and rewards incidental to ownership of the underlying asset to the Group. Under IFRS 16, the Group recognizes right-of-use assets and lease liabilities for most leases – i.e. these leases are on-balance sheet.

The Group decided to apply recognition exemptions to short-term leases of office space and leases of equipment.

• Leases classified as operating leases under IAS 17

At transition, lease liabilities were measured at the present value of the remaining lease payments, discounted at the Group's incremental borrowing rate as at January 1, 2019. Right-of-use assets are measured at an amount equal to the lease liability, adjusted by the amount of any prepaid or accrued lease payments.

In addition, the Group used the following practical expedients when applying IFRS 16 to leases.

- Applied a single discount rate to a portfolio of leases with similar characteristics.
- Applied the exemption not to recognize right-of-use assets and liabilities for leases with less than 12 months of lease term.
- Excluded initial direct costs from measuring the right-of-use asset at the date of initial application.
- Used hindsight when determining the lease term if the contract contains options to extend or terminate the lease.
- 3) As a lessor

The Group is not required to make any adjustments on transition to IFRS 16 for leases in which it acts as a lessor, except for a sub-lease. The Group accounted for its leases in accordance with IFRS 16 from the date of initial application.

4) Impacts on financial statements

On transition to IFRS 16, the Group recognized additional \$278,416 thousands of rightof-use assets and lease liabilities. When measuring lease liabilities, the Group discounted lease payments using its incremental borrowing rate at January 1, 2019. The weightedaverage rate applied is 1.4651%. In addition, the Group reclassified the land usage that included in long-term prepaid rents to right- of- use assets amounting to \$90,737 thousand with IFRS 16 from the date of initial application.

The explanation of differences between operating lease commitments disclosed at the end of the annual reporting period immediately preceding the date of initial application, and lease liabilities recognized in the statement of financial position at the date of initial application disclosed as follows:

Operating lease commitment at December 31, 2018 as disclosed in the Group's consolidated financial statements	<u>Janu:</u> \$	ary 1, 2019 309,808
Discounted using the incremental borrowing rate at January 1, 2019 (same as lease liabilities recognized)	\$	278,416

(b) The impact of IFRS issued by FSC but not yet effective

The following new standards, interpretations and amendments have been endorsed by the FSC and are effective for annual periods beginning on or after January 1, 2020 in accordance with Ruling No. 1080323028 issued by the FSC on July 29, 2019:

New, Revised or Amended Standards and Interpretations	Effective date per IASB
Amendments to IFRS 3 "Definition of a Business"	January 1, 2020
Amendments to IFRS 9, IAS39 and IFRS7 "Interest Rate Benchmark Reform"	January 1, 2020
Amendments to IAS 1 and IAS 8 "Definition of Material"	January 1, 2020

The Group assesses that the adoption of the abovementioned standards would not have any material impact on its consolidated financial statements.

(c) The impact of IFRS issued by IASB but not yet endorsed by the FSC

As of the date, the following IFRSs that have been issued by the International Accounting Standards Board (IASB), but have yet to be endorsed by the FSC:

New, Revised or Amended Standards and Interpretations Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets Between an Investor and Its Associate or Joint Venture"	Effective date per IASB Effective date to be determined by IASB
IFRS 17 "Insurance Contracts"	January 1, 2021
Amendments to IAS 1 "Classification of Liabilities as Current or Non-current"	January 1, 2022

(Continued)

The Group is evaluating the impact of its initial adoption of the abovementioned standards or interpretations on its consolidated financial position and consolidated financial performance. The results thereof will be disclosed when the Group completes its evaluation.

(4) Summary of significant accounting policies:

The significant accounting policies presented in the consolidated financial statements are summarized as follows. Except for those specifically indicated, the following accounting policies were applied consistently throughout the presented periods in the consolidated financial statements.

(a) Statement of compliance

These consolidated financial statements have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers (hereinafter referred to as "the Regulations") and the International Financial Reporting Standards, International Accounting Standards, IFRIC Interpretations, and SIC Interpretations endorsed and issued into effect by the Financial Supervisory Commission, ROC.

- (b) Basis of preparation
 - (i) Basis of measurement

Except for the following significant accounts, the consolidated financial statements have been prepared on the historical cost basis:

- 1) Financial assets at fair value through profit or loss are measured at fair value;
- 2) Financial assets at fair value through other comprehensive income are measured at fair value;
- 3) The defined benefit liability is recognized as the present value of the defined benefit obligation less the fair value of pension fund assets and the re-measurement of the effect of the asset ceiling as stated in note 4(q).
- (ii) Functional and presentation currency

The functional currency of each Group entities is determined based on the primary economic environment in which the entities operate. The Group consolidated financial statements are presented in New Taiwan Dollar, which is the Company's functional currency. All financial information presented in New Taiwan Dollar has been rounded to the nearest thousand, unless otherwise noted.

- (c) Basis of consolidation
 - (i) Principle of preparation of the consolidated financial statements

The consolidated financial statements comprise the Company and subsidiaries. Subsidiaries are entities controlled by the Group. The Group controls an entity when it is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity.

The financial statements of subsidiaries are included in the consolidated financial statements from the date on which control commences until the date on which control ceases. Intragroup balances and transactions, and any unrealized income and expenses arising from intragroup transactions, are eliminated in preparing the consolidated financial statements. The Group attributes the profit or loss and each component of other comprehensive income to the owners of the parent and to the non-controlling interests, even if this results in the non-controlling interests having a deficit balance.

The Group prepares consolidated financial statements using uniform accounting policies for like transactions and other events in similar circumstances. Changes in the Group's ownership interest in a subsidiary that do not result in a loss of control are accounted for as equity transactions. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received will be recognized directly in equity, and the Group will attribute it to the owners of the parent.

(ii) List of subsidiaries in the consolidated financial statements

			Shareh	olding	
Name of Investor	Name of Subsidiary	Business Activity	December 31, 2019	December 31, 2018	Description
The Company	First Copper Technology Co., Ltd.	Processing, manufacture and sale of copper wire and copper plate	39.44 %	37.17 %	The Company accounted for 3 of the 7 directors of First copper Technology Co., Ltd, who can, directly or indirectly, control its personnel, finance or business activities. (Note1)
The Company	Hua Ho Engineering Co., Ltd.	Design, bidding and construction of general electrical engineering and communication engineering	49.31 %	49.31 %	The Company accounted for 2 of the 4 directors of Hua Ho Engineering Co., Ltd, who can, directly or indirectly, control its personnel, finance or business activities. (Note2)
First Copper Technology Co., Ltd.	Hua Ho Engineering Co., Ltd.	Design, bidding and construction of general electrical engineering and communication engineering	0.29 %	0.29 %	(Note 2)

Note 1: Significant subsidiary.

Note 2: Non-significant subsidiary.

- (iii) Subsidiaries excluded from the consolidated financial statements: None.
- (d) Foreign currencies

Transactions in foreign currencies are translated into the respective functional currencies of the Group entities at exchange rates at the dates of the transactions. At the end of each subsequent reporting period, monetary items denominated in foreign currencies are translated into the functional currencies using the exchange rate at that date. Non-monetary items denominated in foreign currencies that are measured at fair value are translated into the functional currencies using the exchange rate at the fair value was determined. Non-monetary items denominated in foreign currencies that are measured based on historical cost are translated using the exchange rate at the date of translation.

Exchange differences are generally recognized in profit or loss, except for the investment in equity securities designated as at fair value through other comprehensive income, which are recognized in other comprehensive income.

(e) Classification of current and non-current assets and liabilities

An asset is classified as current under one of the following criteria, and all other assets are classified as non-current.

- (i) It is expected to be realized, or intended to be sold or consumed, in the normal operating cycle;
- (ii) It is held primarily for the purpose of trading;
- (iii) It is expected to be realized within twelve months after the reporting period; or
- (iv) The asset is cash and cash equivalent, unless, the asset is restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period.

A liability is classified as current under one of the following criteria, and all other liabilities are classified as non-current.

- (i) It is expected to be settled in its normal operating cycle;
- (ii) It is held primarily for the purpose of trading;
- (iii) It is due to be settled within twelve months after the reporting period; or
- (iv) It does not have an unconditional right to defer settlement of the liability for at least twelve months after the reporting period. Terms of a liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments do not affect its classification.
- (f) Cash and cash equivalents

Cash comprises cash on hand and demand deposits. Cash equivalents are short-term, highly liquid investments that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value. The time deposits which meet the above definition and are held for the purpose of meeting short-term cash commitments rather than for investment or other purposes are reclassified as cash equivalents.

(g) Financial instruments

Trade receivables and debt securities issued are initially recognized when they are originated. All other financial assets and financial liabilities are initially recognized when the Group becomes a party to the contractual provisions of the instrument. A financial asset (unless it is a trade receivable without a significant financing component) or financial liability is initially measured at fair value plus, for an item not at fair value through profit or loss (FVTPL), transaction costs that are directly attributable to its acquisition or issue. A trade receivable without a significant financing component is initially measured at the transaction price.

(i) Financial assets

All regular way purchases or sales of financial assets are recognized and derecognized on a trade date basis.

On initial recognition, a financial asset is classified as measured at: amortized cost; Fair value through other comprehensive income (FVOCI) – debt investment; FVOCI – equity investment; or FVTPL. Financial assets are not reclassified subsequent to their initial recognition unless the Group changes its business model for managing financial assets, in which case all affected financial assets are reclassified on the first day of the first reporting period following the change in the business model.

1) Financial assets measured at amortized cost

A financial asset is measured at amortized cost if it meets both of the following conditions and is not designated as at FVTPL :

- it is held within a business model whose objective is to hold assets to collect contractual cash flows; and
- its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

These assets are subsequently measured at amortized cost, which is the amount at which the financial asset is measured at initial recognition, plus/minus, the cumulative amortization using the effective interest method, adjusted for any loss allowance. Interest income, foreign exchange gains and losses, as well as impairment, are recognized in profit or loss. Any gain or loss on derecognition is recognized in profit or loss.

2) Fair value through other comprehensive income (FVOCI)

A debt investment is measured at FVOCI if it meets both of the following conditions and is not designated as at FVTPL :

- it is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets; and
- its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Some accounts receivables are held within a business model whose objective is achieved by both collecting contractual cash flows and selling by the Group, therefore, those receivables are measured at FVOCI and presented as accounts receivable.

On initial recognition of an equity investment that is not held for trading, the Group may irrevocably elect to present subsequent changes in the investment's fair value in other comprehensive income. This election is made on an instrument-by-instrument basis.

Debt investments at FVOCI are subsequently measured at fair value. Interest income calculated using the effective interest method, foreign exchange gains and losses and impairment are recognized in profit or loss. Other net gains and losses are recognized in

other comprehensive income. On derecognition, gains and losses accumulated in other comprehensive income are reclassified to profit or loss.

Equity investments at FVOCI are subsequently measured at fair value. Dividends are recognized as income in profit or loss unless the dividend clearly represents a recovery of part of the cost of the investment. Other net gains and losses are recognized in other comprehensive income and are never reclassified to profit or loss.

Dividend income is recognized in profit or loss on the date on which the Group's right to receive payment is established.

3) Fair value through profit or loss (FVTPL)

All financial assets not classified as amortized cost or FVOCI described as above are measured at FVTPL, including derivative financial assets. On initial recognition, the Group may irrevocably designate a financial asset, which meets the requirements to be measured at amortized cost or at FVOCI, as at FVTPL if doing so eliminates or significantly reduces an accounting mismatch that would otherwise arise.

These assets are subsequently measured at fair value. Net gains and losses, including any interest or dividend income, are recognized in profit or loss.

4) Business model assessment

The Group makes an assessment of the objective of the business model in which a financial asset is held at portfolio level because this best reflects the way the business is managed and information is provided to management. The information considered includes :

- the stated policies and objectives for the portfolio and the operation of those policies in practice. These include whether the management's strategy focuses on earning contractual interest income, maintaining a particular interest rate profile, matching the duration of the financial assets to the duration of any related liabilities, or expected cash outflows, or realizing cash flows through the sale of the assets;
- how the performance of the portfolio is evaluated and reported to the Group's management;
- the risks that affect the performance of the business model (and the financial assets held within that business model) and how those risks are managed;
- how managers of the business are compensated e.g. whether compensation is based on the fair value of the assets managed or the contractual cash flows collected; and
- the frequency, volume and timing of sales of financial assets in prior periods, the reasons for such sales and expectations about future sales activity.

Transfers of financial assets to third parties in transactions that do not qualify for derecognition are not considered as sales for this purpose, and are consistent with the Group's continuing recognition of the assets.

Financial assets that are held for trading or are managed, and whose performance is evaluated on a fair value basis, are measured at FVTPL.

5) Assessment whether contractual cash flows are solely payments of principal and interest

For the purposes of this assessment, 'principal' is defined as the fair value of the financial assets on initial recognition. 'Interest' is defined as consideration for the time value of money and for the credit risk associated with the principal amount outstanding during a particular period of time and for other basic lending risks and costs, as well as a profit margin.

In assessing whether the contractual cash flows are solely payments of principal and interest, the Group considers the contractual terms of the instrument. This includes assessing whether the financial asset contains a contractual term that could change the timing or amount of contractual cash flows, such that it would not meet this condition. In making this assessment, the Group considers :

- · contingent events that would change the amount or timing of cash flows;
- terms that may adjust the contractual coupon rate, including variable rate features ;
- · prepayment and extension features; and
- terms that limit the Group's claim to cash flows from specified assets (e.g. non-recourse features).
- 6) Impairment of financial assets

The Group recognizes loss allowances for expected credit losses (ECL) on financial assets measured at amortized cost (including cash and cash equivalents, notes and accounts receivable, other receivables and guarantee deposit paid), debt investments measured at FVOCI and contract assets.

The Group measures loss allowances at an amount equal to lifetime ECL, except for the following which are measured as 12-month ECL :

- · debt securities that are determined to have low credit risk at the reporting date ; and
- other debt securities and bank deposit for which credit risk (i.e. the risk of default occurring over the expected life of the financial instrument) has not increased significantly since initial recognition.

Loss allowance for accounts receivable and contract assets are always measured at an amount equal to lifetime ECL.

When determining whether the credit risk of a financial asset has increased significantly since initial recognition and when estimating ECL, the Group considers reasonable and supportable information that is relevant and available without undue cost or effort. This includes both quantitative and qualitative information and analysis based on the Group's historical experience and informed credit assessment, as well as forward-looking information.

The Group considers its financial instrument to have low credit risk when it is in low default risk, and the debtor has strong ability to perform contractual obligations to the current cash flow if adverse change in economic and business conditions may (not necessarily) reduce the debtor's ability to perform its obligations to the cash flow over a longer period of time.

The Group assumes that the credit risk on a financial asset has increased significantly if it is more than 30 days past due.

The Group considers a financial asset to be in default when the financial asset is more than 180 days past due or the debtor is unlikely to pay its credit obligations to the Group in full.

Lifetime ECL are the ECL that result from all possible default events over the expected life of a financial instrument.

12-month ECL are the portion of ECL that result from default events that are possible within the 12 months after the reporting date (or a shorter period if the expected life of the instrument is less than 12 months).

The maximum period considered when estimating ECL is the maximum contractual period over which the Group is exposed to credit risk.

ECL are a probability-weighted estimate of credit losses. Credit losses are measured as the present value of all cash shortfalls (i.e. the difference between the cash flows due to the Group in accordance with the contract and the cash flows that the Group expects to receive). ECL are discounted at the effective interest rate of the financial asset.

At each reporting date, the Group assesses whether financial assets carried at amortized cost and debt instrument at FVOCI are credit-impaired. A financial asset is ' credit-impaired' when one or more events that have a detrimental impact on the estimated future cash flows of the financial asset have occurred. Evidence that a financial assets is credit-impaired includes the following observable data:

- · significant financial difficulty of the borrower or issuer ;
- a breach of contract such as a default or being more than 180 days past due ;
- the lender of the borrower, for economic or contractual reasons relating to the borrower's financial difficulty, having granted to the borrower a concession that the lender would not otherwise consider ;
- it is probable that the borrower will enter bankruptcy or other financial reorganization ; or
- the disappearance of an active market for a security because of financial difficulties.

Loss allowances for financial assets measured at amortized cost are deducted from the gross carrying amount of the assets. For debt securities at FVOCI, the loss allowance is charged to profit or loss and is recognized in other comprehensive income instead of reducing the carrying amount of the asset.

The gross carrying amount of a financial asset is written off when the Group has no reasonable expectations of recovering a financial asset in its entirety or a portion thereof. For corporate customers, the Group individually makes an assessment with respect to the timing and amount of write-off based on whether there is a reasonable expectation of recovery. The Group expects no significant recovery from the amount written off. However, financial assets that are written off could still be subject to enforcement activities in order to comply with the Group's procedures for recovery of amounts due.

7) Derecognition of financial assets

The Group derecognizes a financial asset when the contractual rights to the cash flows from the financial asset expire, or it transfers the rights to receive the contractual cash flows in a transaction in which substantially all of the risks and rewards of ownership of the financial asset are transferred or in which the Group neither transfers nor retains substantially all of the risks and rewards of ownership and it does not retain control of the financial asset.

The Group enters into transactions whereby it transfers assets recognized in its statement of balance sheets, but retains either all or substantially all of the risks and rewards of the transferred assets. In these cases, the transferred assets are not derecognized.

- (ii) Financial liabilities and equity instruments
 - 1) Classification of debt or equity

Debt and equity instruments issued by the Group are classified as financial liabilities or equity in accordance with the substance of the contractual agreements and the definitions of a financial liability and an equity instrument.

2) Equity instrument

An equity instrument is any contract that evidences residual interest in the assets of an entity after deducting all of its liabilities. Equity instruments issued are recognized as the amount of consideration received, less the direct cost of issuing.

3) Treasury shares

The consolidated subsidiary holds the shares of the Company when preparing the consolidated financial report, it is treated as treasury stock processing.

When shares recognized as equity are repurchased, the amount of the consideration paid, which includes directly attributable costs, is recognized as a deduction from equity. Repurchased shares are classified as treasury shares. When treasury shares are sold or reissued subsequently, the amount received is recognized as an increase in equity, and the resulting surplus or deficit on the transaction is recognized in capital surplus or retained earnings (if the capital surplus is not sufficient to be written down).

4) Financial liabilities

Financial liabilities are classified as measured at amortized cost or FVTPL. A financial liability is classified as at FVTPL if it is classified as held-for-trading, it is a derivative or it is designated as such on initial recognition. Financial liabilities at FVTPL are measured at fair value and net gains and losses, including any interest expense, are recognized in profit or loss.

Other financial liabilities are subsequently measured at amortized cost using the effective interest method. Interest expense and foreign exchange gains and losses are recognized in profit or loss. Any gain or loss on derecognition is also recognized in profit or loss.

5) Derecognition of financial liabilities

The Group derecognizes a financial liability when its contractual obligation are discharged or cancelled, or expire. The Group also derecognizes a financial liability when its terms are modified and the cash flows of the modified liability are substantially different, in which case a new financial liability based on the modified terms is recognized at fair value.

On derecognition of a financial liability, the difference between the carrying amount of a financial liability extinguished and the consideration paid (including any non-cash assets transferred or liabilities assumed) is recognized in profit or loss.

6) Offsetting of financial assets and liabilities

Financial assets and financial liabilities are offset and the net amount presented in the statement of balance sheet when, and only when, the Group currently has a legally enforceable right to set off the amounts and it intends either to settle them on a net basis or to realize the asset and settle the liability simultaneously.

(h) Inventories

Inventories are measured at the lower of cost and net realizable value. The cost of inventories is based on weighted average costing principle and includes expenditure incurred in acquiring the inventories, production or conversion costs, and other costs incurred in bringing them to their present location and condition. In the case of manufactured inventories and work in progress, cost includes an appropriate share of production overheads based on normal operating capacity.

Net realizable value is the estimated selling price in the ordinary course of business, less, the estimated costs of completion and selling expenses.

(i) Investment in associates

Associates are those entities in which the Group has significant influence, but not control or joint control, over their consolidated financial and operating policies. Investments in associates are accounted for using the equity method and are recognized initially at cost. The cost of the investment includes transaction costs. The carrying amount of the investment in associates includes goodwill arising from the acquisition, less, any accumulated impairment losses.

The consolidated financial statements include the Group's share of their profit or loss and other comprehensive income of those associates, after adjustments to align the accounting policies with those of the Group from the date on which significant influence commences until the date on which significant influence ceases. The Group recognizes any changes, of its proportionate share in the investee within capital surplus, when an associate's equity changes due to reasons other than profit and loss or comprehensive income, which did not result in changes in actual significant influence.

Unrealized gains and losses resulting from the transactions between the Group and an associate are recognized only to the extent of unrelated Group's interests in the associate.

When the Group's share of losses of an associate equals or exceeds its interest in associates, it discontinues recognizing its share of further losses. After the recognized interest is reduced to zero, additional losses are provided for, and a liability is recognized, only to the extent that the Group has incurred legal or constructive obligations or made payments on behalf of the associate.

(j) Investment property

Investment property is the property held either to earn rental income or for capital appreciation or for both, but not for sale in the ordinary course of business, for use in the production or supply of goods or services, or for administrative purposes. Investment property is measured at cost on initial recognition and subsequently at cost less accumulated depreciation and accumulated impairment losses.Depreciation expense is calculated based on the depreciation method, useful lives, and residual value which are the same as those adopted for property, plant and equipment.

Any gain or loss on disposal of an investment property (calculated as the difference between the net proceeds from disposal and the carrying amount) is recognized in profit or loss.

Rental income from investment property is recognized as other revenue on a straight-line basis over the term of the lease. Lease incentives granted are recognized as an integral part of the total rental income, over the term of the lease.

- (k) Property, plant and equipment
 - (i) Recognition and measurement

Items of property, plant and equipment are measured at cost, which includes capitalized borrowing costs, less accumulated depreciation and any accumulated impairment losses.

If significant parts of an item of property, plant and equipment have different useful lives, they are accounted for as separate items (major components) of property, plant and equipment.

Any gain or loss on disposal of an item of property, plant and equipment is recognized in profit or loss.

(ii) Subsequent expenditure

Subsequent expenditure is capitalized only if it is probable that the future economic benefits associated with the expenditure will flow to the Group.

(iii) Depreciation

Depreciation is calculated on the cost of an asset less its residual value and is recognized in profit or loss on a straight-line basis over the estimated useful lives of each component of an item of property, plant and equipment.

Land is not depreciated.

The estimated useful lives for the current and comparative years are as follows:

1)	Buildings	1 to 55 years
2)	Machinery and equipment	1 to 25 years
3)	Other equipment	1 to 20 years

Depreciation methods, useful lives and residual values are reviewed at each annual reporting date and adjusted if appropriate.

(iv) Reclassification to investment property

A property is reclassified to investment property at its carrying amount when the use of the property changes from owner-occupied to investment property.

(l) Lease

Applicable from January 1, 2019

(i) Identifying a lease

At inception of a contract, the Group assesses whether a contract is, or contains, a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Group assesses whether:

- the contract involves the use of an identified asset this may be specified explicitly or implicitly, and should be physically distinct or represent substantially all of the capacity of a physically distinct asset. If the supplier has a substantive substitution right, then the asset is not identified; and
- the customer has the right to obtain substantially all of the economic benefits from use of the asset throughout the period of use; and
- the customer has the right to direct the use of the asset throughout the period of use only if either:
- (1) the customer has the right to direct how and for what purpose the asset is used throughout the period of use; or
- (2) the relevant decisions about how and for what purpose the asset is used are predetermined and:

- the customer has the right to operate the asset throughout the period of use, without the supplier having the right to change those operating instructions; or
- the customer designed the asset in a way that predetermines how and for what purpose it will be used throughout the period of use.

On the date of lease establishment or reassessment of whether the contract includes a lease, the Group allocates the consideration in the contract to each lease components on the basis of their relative stand-alone price.

(ii) As a lessee

The Group recognizes a right-of-use asset and a lease liability at the lease commencement date. The right-of-use asset is initially measured at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of costs to dismantle and remove the underlying asset or to restore the underlying asset or the site on which it is located, less any lease incentives received.

The right-of-use asset is subsequently depreciated using the straight-line method from the commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term. In addition, the right-of-use asset is periodically reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

The lease liability is initially measured at the present value of the lease payments that are not paid at the commencement date, discounted using the interest rate implicit in the lease or, if that rate cannot be reliably determined, the Group's incremental borrowing rate. Generally, the Group uses its incremental borrowing rate as the discount rate.

Lease payments included in the measurement of the lease liability comprise the following:

- fixed payments, including in-substance fixed payments;
- variable lease payments that depend on an index or a rate, initially measured using the index or rate as at the commencement date;
- amounts expected to be payable under a residual value guarantee; and
- payments for purchase or termination options that are reasonably certain to be exercised.

The lease liability is measured at amortized cost using the effective interest method. It is remeasured when:

- there is a change in future lease payments arising from the change in an index or rate; or
- there is a change in the Group's estimate of the amount expected to be payable under a residual value guarantee; or
- there is a change in the lease term resulting from a change of its assessment on whether it will exercise an option to purchase the underlying asset, or

- there are a change of its assessment on whether it will exercise an extension or termination option; or
- there is any lease modifications

When the lease liability is remeasured, other than lease modifications, a corresponding adjustment is made to the carrying amount of the right-of-use asset, or in profit and loss if the carrying amount of the right-of-use asset has been reduced to zero.

When the lease liability is remeasured to reflect the partial or full termination of the lease for lease modifications that decrease the scope of the lease, the Group accounts for the remeasurement of the lease liability by decreasing the carrying amount of the right-of-use asset to reflect the partial or full termination of the lease, and recognize in profit or loss any gain or loss relating to the partial or full termination of the lease.

The Group presents right-of-use assets that do not meet the definition of investment and lease liabilities as a separate line item respectively in the statement of balance sheets.

The Group has elected not recognize right-of-use assets and lease liabilities for short-term leases of equipment that have a lease term of 12 months or less. The Group recognizes the lease payments associated with these leases as an expense on a straight-line basis over the lease term.

(iii) As a lessor

When the Group acts as a lessor, it determines at lease commencement whether each lease is a finance lease or an operating lease. To classify each lease, the Group makes an overall assessment of whether the lease transfers to the lessee substantially all of the risks and rewards of ownership incidental to ownership of the underlying asset. If this is the case, then the lease is a finance lease; if not, then the lease is an operating lease. As part of this assessment, the Group considers certain indicators such as whether the lease is for the major part of the economic life of the asset.

The Group recognizes lease payments received under operating leases as income on a straightline basis over the lease term as part of 'rental income'.

Applicable before January 1, 2019

(i) Lessor

Lease income from an operating lease is recognized in income on a straight-line basis over the lease term. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognized as an expense over the lease term on the same basis as the lease income. Incentives granted to the lessee to enter into the operating lease are spread over the lease term on a straight-line basis so that the lease income received is reduced accordingly.

Contingent rents are recognized as income in the period when the lease adjustments are confirmed.

(ii) Lessee

Leases in which the Group assumes substantially all of the risks and rewards of ownership are classified as finance leases. On initial recognition, the lease asset is measured at an amount equal to the lower of its fair value or the present value of the minimum lease payments. Subsequent to initial recognition, the asset is accounted for in accordance with the accounting policy applicable to the asset.

Other leases are operating leases and are not recognized in the Group's balance sheets.

Payments made under operating leases (excluding insurance and maintenance expenses) are recognized in profit or loss on a straight-line basis over the term of the lease. Lease incentives received are recognized as an integral part of the total lease expense, over the term of the lease.

Contingent rents is recognized as expense in the period when the lease adjustments are confirmed.

- (m) Intangible assets
 - (i) Recognition and measurement

Intangible assets that are acquired by the Group and have finite useful lives are measured at cost less accumulated amortization and any accumulated impairment losses.

(ii) Subsequent expenditure

Subsequent expenditure is capitalized only when it increases the future economic benefits embodied in the specific asset to which it relates. All other expenditure, including expenditure on internally generated goodwill and brands, is recognized in profit or loss as incurred.

(iii) Amortization

Amortization is calculated over the cost of the asset, less its residual value, and is recognized in profit or loss on a straight-line basis over the estimated two or three years useful lives of intangible assets, other than goodwill, from the date that they are available for use.

Amortization methods, useful lives and residual values are reviewed at each annual reporting date and adjusted if appropriate.

(n) Impairment of non-financial assets

At each reporting date, the Group reviews the carrying amounts of its non-financial assets (other than inventories, contract assets, and deferred tax assets) to determine whether there is any indication of impairment. If any such indication exists, then the asset's recoverable amount is estimated.

For impairment testing, assets are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or CGUs.

The recoverable amount of an asset or CGU is the greater of its value in use and its fair value less costs to sell. Value in use is based on the estimated future cash flows, discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset or CGU.

An impairment loss is recognized if the carrying amount of an asset or CGU exceeds its recoverable amount.

Impairment losses are recognized in profit or loss. They are allocated first to reduce the carrying amount of any goodwill allocated to the CGU, and then to reduce the carrying amounts of the other assets in the CGU on a pro rata basis.

An impairment loss in respect of goodwill is not reversed. For other assets, an impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depreciation or amortization, if no impairment loss had been recognized.

(o) Provisions

A provision is recognized if, as a result of a past event, the Group has a present obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects the current market assessments of the time value of money and the risks specific to the liability. The unwinding of the discount is recognized as finance cost.

Provision for onerous contracts

The provision for onerous contracts is recognized when the expected benefits to be derived by the Group from a contract are lower than the unavoidable cost of meeting its obligations under the contract. The provision is measured at the present value of the lower of the expected cost of terminating the contract or the expects net cost of continuing with the contract. Before a provision is established. the Group recognizes any impairment loss on the assets associated with that contract.

- (p) Revenue
 - (i) Revenue from contracts with customers

Revenue is measured based on the consideration to which the Group expects to be entitled in exchange for transferring goods or services to a customer. The Group recognizes revenue when it satisfies a performance obligation by transferring control of a good or a service to a customer. The accounting policies for the Group's main types of revenue are explained below.

1) Sale of goods

The Group recognizes revenue when control of the products has been transferred, being when the products are delivered to the customer, the customer has full discretion over the channel and price to sell the products, and there is no unfulfilled obligation that could affect the customer's acceptance of the products. Delivery occurs when the products have been shipped to the specific location, the risks of obsolescence and loss have been transferred to the customer, and either the customer has accepted the products in accordance with the sales contract, the acceptance provisions have lapsed, or the Group has objective evidence that all criteria for acceptance have been satisfied.

The Group grants its customers the right to return the product within a period. Therefore, the Group reduces revenue by the amount of expected returns and recognizes a refund liability and a right to the returned goods. Accumulated experience is used to estimate such returns at the time of sale in past. Because the number of products returned has been steady for years, it is highly probable that a significant reversal in the cumulative revenue recognized will not occur. At each reporting date, the Group reassesses the estimated amount of expected returns.

A receivable is recognized when the goods are delivered as this is the point in time that the Group has a right to an amount of consideration that is unconditional.

2) Construction contracts

The Group enters into contracts to constructions. Because its customer controls the asset as it is constructed, the Group recognizes revenue over time on the basis of the construction costs incurred to date as a proportion of the total estimated costs of the contract. The consideration promised in the contract includes fixed and variable amounts. The customer pays the fixed amount based on a payment schedule, for some variable considerations, accumulated experience is used to estimate the amount of variable consideration, using the expected value method; for other variable considerations, the Group estimates the amount of variable consideration using the most likely amount. The Group recognizes revenue only to the extent that it is highly probable that a significant reversal in the amount of cumulative revenue recognized will not occur. If the Group has recognized revenue, but not issued a bill, then the entitlement to consideration is recognized as a contract asset. The contract asset is transferred to receivables when the entitlement to payment becomes unconditional.

If the Group cannot reasonably measure its progress towards complete satisfaction of the performance obligation of a construction contract, the Group shall recognize revenue only to the extent of the costs expected to be recovered.

A provision for onerous contracts is recognized when the Group expects the unavoidable costs of performing the obligations under a construction contract exceed the economic benefits expected to be received under the contract.

Estimates of revenues, costs or extent of progress toward completion are revised if circumstances change. Any resulting increases or decreases in estimated revenues or costs are reflected in profit or loss in the period in which the circumstances that give rise to the revision become known by management.

3) Financing components

The Group does not expect to have any contracts where the period between the transfer of the promised goods or services to the customer and the payment by the customer exceeds one year. As a consequence, the Group does not adjust any of the transaction prices for the time value of money.

- (ii) Contract costs
 - 1) Incremental costs of obtaining a contract

The Group recognizes as an asset the incremental costs of obtaining a contract with a customer if the Group expects to recover those costs. The incremental costs of obtaining

a contract are those costs that the Group incurs to obtain a contract with a customer that it would not have incurred if the contract had not been obtained. Costs to obtain a contract that would have been incurred regardless of whether the contract was obtained shall be recognized as an expense when incurred, unless those costs are explicitly chargeable to the customer regardless of whether the contract is obtained.

The Group applies the practical expedient to recognize the incremental costs of obtaining a contract as an expense when incurred if the amortization period of the asset that the entity otherwise would have recognized is one year or less.

2) Costs to fulfil a contract

If the costs incurred in fulfilling a contract with a customer are not within the scope of another Standard (for example, IAS 2 Inventories, IAS 16 Property, Plant and Equipment or IAS 38 Intangible Assets), the Group recognizes an asset from the costs incurred to fulfil a contract only if those costs meet all of the following criteria:

- the costs relate directly to a contract or to an anticipated contract that the Group can specifically identify;
- the costs generate or enhance resources of the Group that will be used in satisfying (or in continuing to satisfy) performance obligations in the future; and
- the costs are expected to be recovered.

General and administrative costs, costs of wasted materials, labor or other resources to fulfil the contract that were not reflected in the price of the contract, costs that relate to satisfied performance obligations (or partially satisfied performance obligations), and costs for which the Group cannot distinguish whether the costs relate to unsatisfied performance obligations or to satisfied performance obligations(or partially satisfied performance obligations), the Group recognizes these costs as expenses when incurred.

(q) Employee benefits

(i) Defined contribution plans

Obligations for contributions to defined contribution plans are expensed as the related service is provided.

(ii) Defined benefit plans

The Group's net obligation in respect of defined benefit plans is calculated separately for each the plan by estimating the amount of future benefit that employees have earned in the current and prior periods, discounting that amount and deducting the fair value of any plan assets.

The calculation of defined benefit obligations is performed annually by a qualified actuary using the projected unit credit method. When the calculation results in a potential asset for the Group, the recognized asset is limited to the present value of economic benefits available in the form of any future refunds from the plan or reductions in future contributions to the plan. To calculate the present value of economic benefits, consideration is given to any applicable minimum funding requirements.

Remeasurements of the net defined benefit liability, which comprise actuarial gains and losses, the return on plan assets (excluding interest) and the effect of the asset ceiling (if any, excluding interest), are recognized immediately in other comprehensive income, and accumulated in retained earnings within equity. The Group determines the net interest expense (income) on the net defined benefit liability (asset) for the period by applying the discount rate used to measure the defined benefit obligation at the beginning of the annual period to the then-net defined benefit liability (asset). Net interest expense and other expenses related to defined benefit plans are recognized in profit or loss.

When the benefits of a plan are changed or when a plan is curtailed, the resulting change in benefit that relates to past service or the gain or loss on curtailment is recognized immediately in profit or loss. The Group recognizes gains and losses on the settlement of a defined benefit plan when the settlement occurs.

(iii) Short-term employee benefits

Short-term employee benefits are expensed as the related service is provided. A liability is recognized for the amount expected to be paid if the Group has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee and the obligation can be estimated reliably.

(r) Income taxes

Income tax comprise current taxes and deferred taxes. Except for expenses related to business combinations or recognized directly in equity or other comprehensive income, all current and deferred taxes shall be recognized in profit or loss.

Current taxes comprise the expend tax payables or receivables on the taxable profits (losses) for the year and any adjustment to the tax payable or receivable in respect of previous years. The amount of current tax payables or receivables are the best estimate of the tax amount expected to be paid or received that reflects uncertainty related to income taxes, if any. It is measured using tax rates enacted or substantively enacted at the reporting date.

Deferred taxes arise due to temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and their respective tax bases. Deferred taxes are recognized except for the following:

- (i) Temporary differences on the initial recognition of assets and liabilities in a transaction that is not a business combination and that affects neither accounting nor taxable profits (losses) at the time of the transaction;
- (ii) Temporary differences related to investments in subsidiaries, associates and joint arrangements to the extent that the Group is able to control the timing of the reversal of the temporary differences and it is probable that they will not reverse in the foreseeable future; and
- (iii) Taxable temporary differences arising on the initial recognition of goodwill.

Deferred taxes are measured at the tax rates that are expected to be applied to temporary differences when they reserve, using tax rates enacted or substantively enacted at the reporting date.

Deferred tax assets and liabilities are offset if the following criteria are met:

- (i) The Group has a legally enforceable right to set off current tax assets against current tax liabilities; and
- (ii) The deferred tax assets and the deferred tax liabilities relate to income taxes levied by the same taxation authority on either:
 - 1) the same taxable entity; or
 - 2) different taxable entities which intends to settle current tax assets and liabilities on a net basis, or to realize the assets and liabilities simultaneously, in each future period in which significant amounts of deferred tax liabilities or assets are expected to be settled or recovered.

Deferred tax assets are recognized for the carry forward of unused tax losses, unused tax credits, and deductible temporary differences to the extent that it is probable that future taxable profits will be available against which they can be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefits will be realized; such reductions are reversed when the probability of future taxable profits improves.

(s) Earnings per share

The Group discloses the basic and diluted earnings per share attributable to common shares holders of the Company. The basic earnings per share are calculated as the profit attributable to the common shareholders of the Company divided by the weighted-average number of common shares outstanding. The diluted earnings per share are calculated as the profit attributable to common shareholders of the Company divided by the weighted-average number of common shares outstanding after adjustment for the effects of all dilutive potential common shares, such as employee bonus not yet resolved by the shareholders.

(t) Operating segments

An operating segment is a component of the Group that engages in business activities from which it may earn revenues and incur expenses (including revenues and expenses relating to transactions with other components of the Group). Operating results of the operating segment are regularly reviewed by the Group's chief operating decision maker to make decisions about resources to be allocated to the segment and to assess its performance. Each operating segment consists of standalone financial information.

(5) Significant accounting assumptions and judgments, and major sources of estimation uncertainty:

The preparation of the consolidated financial statements in conformity with the Regulations and the IFRSs endorsed by the FSC requires management to make judgments, estimates, and assumptions that affect the application of the accounting policies and the reported amount of assets, liabilities, income, and expenses. Actual results may differ from these estimates.

The management continues to monitor the accounting estimates and assumptions. It recognizes any changes in accounting estimates during the period and the impact of those changes in accounting estimates in the following period.

Information about assumptions and estimation uncertainties that have a significant risk of resulting in a material adjustment within the next financial year is as follows:

(a) Valuation of inventories

Because the Group's selling price is affected by international copper price, there is an uncertainty risk on the estimation of inventories' net realizable value resulting from the copper price fluctuations. Please refer to note 6(f) for further description of the valuation of inventories.

(b) Impairment of non-financial assets

In the process of evaluating the potential impairment of tangible and intangible assets other than goodwill, the Group is required to make subjective judgments in determining the independent cash flows, useful lives, expected future income and expenses related to the specific asset groups with the consideration of the nature of the industry. Any changes in these estimates based on changed economic conditions or business strategies and could result in significant impairment charges or reversal in future years. Refer to note 6(j) for evaluation for impairment of non-financial assets.

The Group's financial instrument valuation group conducts independent verification on fair value by using data sources that are independent, reliable, and representative of exercise prices. This financial instrument valuation group also periodically adjusts valuation models, conducts back-testing, renews input data for valuation models, and makes all other necessary fair value adjustments to assure the rationality of fair value.

When measuring the fair value of an asset or a liability, the Group uses market observable data as far as possible. Fair values are categorized into different levels in a fair value hierarchy based on the inputs used in the valuation techniques as follows.

- (a) Level 1: quoted prices (unadjusted) in active markets for identified assets or liabilities.
- (b) Level 2: inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).
- (c) Level 3: inputs for the assets or liability that are not based on observable market data (unobservable inputs).

For any transfer within the fair value hierarchy, the impact of the transfer is recognized on the reporting date.

(6) Explanation of significant accounts:

(a) Cash and cash equivalents

		December 31, 2019	December 31, 2018
Cash and cash on hand	\$	599	505
Checking deposits and demand deposits	_	638,467	667,516
Cash and cash equivalents in the consolidated statement			
of cash flows	\$	639,066	668,021

Please refer to note 6(aa) for the exchange rate risk, sensitivity analysis and credit risk of the financial assets of the Group.

(b) Financial assets at fair value through profit or loss

		December 31, 2019	December 31, 2018
Mandatorily measured at fair value through profit or loss :	_		
Non-derivative financial assets			
Publicly traded stocks	\$	2,869,663	2,241,674
Non-publicly traded stocks		292,653	209,968
	\$	3,162,316	2,451,642
Classified as :			
Current	\$	939,131	782,708
Non-current		2,223,185	1,668,934
	\$	3,162,316	2,451,642

For the net gain or loss on financial assets at FVTPL, please refer to note 6(z).

The Group did not provide above financial assets at fair value through profit or loss as collateral or restricted.

(c) Financial assets at fair value through other comprehensive income

		December 31, 2019	December 31, 2018
Equity investments at fair value through other			
comprehensive income :			
Non-publicly traded stocks - International United			
Technology Co., Ltd.	\$	6,368	9,107
Non-publicly traded stocks - Pack & Proper Co.,			
Ltd.		19,040	31,914
Non-publicly traded stocks - Global Securities			
Finance Corporation		13,092	15,741
Non-publicly traded stocks - United Electronics		,	,
Industrial Co., Ltd.		9,403	8,307
Non-publicly traded stocks - Taiwan Sugar		,	,
Corporation		26,692	27,448
Non-publicly traded stocks - Illchi United Trading		,	,
Corporation		300	300
1 1	\$_	74,895	92,817

The Group designated its investments shown above as equity securities as at fair value through other comprehensive income because these equity securities represent those investments that the Group intends to hold for long-term strategic purposes.

During the years ended December 31, 2019 and 2018, the dividends of \$2,534 thousand and \$1,739 thousand, respectively, related to equity investments as fair value through other comprehensive income held on the years then ended, were recognized.

There were no disposals of strategic investments and transfers of any cumulative gain or loss within equity relating to these investments in 2019.

The Group has sold its shares held in Company Sai Jia Capital Corporation stock and Saga Unitek Venture Capital Management Corporation stock. The shares sold had a fair value of \$2,400 thousand and the Group realized a gain of \$338 thousand, which is already included in other comprehensive income. The gain has been transferred to retained earnings.

For market risk information, please refer to note 6(aa).

The Group did not provide above financial assets at fair value through other comprehensive income as collateral or restricted.

(d) Notes and accounts receivable

	December 31, 2019	December 31, 2018
Notes receivable from operating activities	\$ 25,637	31,270
Accounts receivable-measured at amortized cost	883,958	1,030,534
Accounts receivable-measured at fair value through other comprehensive income	4,519	9,733
Less: Loss allowance	 -	-
	\$ 914,114	1,071,537

The Group has assessed a portion of its accounts receivable that was held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets; therefore, such accounts receivable was measured at fair value through other comprehensive income.

The Group applies the simplified approach to provide for its expected credit losses, i.e. the use of lifetime expected loss provision for all receivables. To measure the expected credit losses, notes and accounts receivable have been grouped based on shared credit risk characteristics and the days past due, as well as incorporated forward looking information, including macroeconomic and relevant industry information. The loss allowance provision was determined as follows:

		108.12.31	
	Gross carrying amounts of notes and accounts receivable	Weighted- average loss rate	Loss allowance provision
Non-overdue	\$ 914,114	-	-
Overdue		-	
	\$ <u>914,114</u>		
		107.12.31	
	Gross carrying amounts of notes and accounts receivable	Weighted- average loss rate	Loss allowance provision
Non-overdue	\$ 1,071,537	-	-
Overdue		-	
	\$ <u>1,071,537</u>		-

(Continued)

The movement in the allowance for notes and accounts receivable was as follows:

Balance at January 1 (Balance at December 31)

2018

2019

The Group did not provide notes and accounts receivable as collateral or restricted.

For further credit risk information, please refer to note 6(aa).

The Group entered into separate factoring agreements with different financial institutions to sell its accounts receivable. Under the agreements, the financial institution is required to bear the credit risk of un-collection of accounts receivable due to any non-business dispute or financial difficulty. The Group derecognized the above accounts receivable because it has transferred substantially all of the risks and rewards of their ownership, and it does not have any continuing involvement in them. The amounts receivable from the financial institutions were recognized as other receivable upon the derecognition of those accounts receivable. The Group sold its accounts receivable without recourse as follows:

			Dec	cember 31, 2019		
Purchaser	Amount recognized	Amount ac	lvanced	Amount recognized in other receivables	Range of interest rate	Significant transferring terms
Taishin Bank	\$ 16,337	14,704	14,704	1,633	2.75%~2.88%	None
CTBC Bank	26,270	23,643	21,728	4,542	2.80%	None
CTBC Bank	 2,980	2,682		2,980	-	None
	\$ 45,587		36,432	9,155		
			De	cember 31,2018		

			Amount ad	dvanced			
		Amount			Amount	Range of	Significant transferring
Purchaser	de	recognized	Unpaid	<u>paid</u>	recognized in other receivables	interest rate	terms
Taishin Bank	\$	11,809	10,628	9,904	1,905	3.13%~3.80%	None
CTBC Bank		42,030	37,827	37,827	4,203	3.01%~3.96%	None
CTBC Bank		2,031	1,828		2,031	-	None
	\$	55,870		47,731	8,139		

(e) Other receivables (including guarantee deposits paid)

	D	ecember 31, 2019	December 31, 2018
Other receivables-the difference purchasing price of materials	\$	2,368	2,853
Other receivables-factoring accounts receivable		9,155	8,139
Guarantee deposits paid		639	69,219
Others		1,218	374
Less: Loss allowance			
	\$	13,380	80,585

]	December 31, 2019	December 31, 2018
Classified as:			
Other receivables	\$	12,962	80,259
Guarantee deposits paid		418	326
	\$	13,380	80,585

For further credit risk information, please refer to note 6(aa).

(f) Inventories

	I	December 31, 2019	December 31, 2018
Finished goods	\$	796,077	872,304
Work in progress		965,428	876,525
Raw materials and supplies		613,690	783,024
Merchandise		56,669	44,421
Inventory in transit		283,260	125,502
	\$	2,715,124	2,701,776

The details of the cost sales were as follows:

		2019	2018
Inventory that has been sold	\$	7,216,366	7,896,553
Write-down of inventories (reversal of write-down)		(3,144)	34,523
Unallocated production overheads		117,986	100,988
Construction cost		408,937	206,484
Others		(5,587)	(5,413)
	\$	7,734,558	8,233,135

The Group did not provide any inventories as collateral or restricted.

(g) Investments accounted for using equity method

(i) A summary of the Group's financial information for investments accounted for using the equity method at the reporting date is as follows:

	Dec	ember 31, 2019	December 31, 2018
Associates	\$	12,676	13,828

(ii) The Group's financial information for investments accounted for using the equity method that are individually insignificant was as follows:

	Dee	cember 31, 2019	December 31, 2018
Carrying amount of individually insignificant associates' equity	\$	12,676	13,828

	 2019	2018
Attributable to the Group:		
Profit (loss) from continuing operations	\$ (1,152)	65
Other comprehensive income	 	-
Total comprehensive income	\$ (1,152)	65

(iii) Collateral

The Group did not provide any investments accounted for using the equity method as collateral for its loans.

(h) Changes in a parent's ownership interest in a subsidiary

In 2019, the Group acquired an additional interest in First Copper Technology Co., Ltd. for \$82,263 in cash increasing its ownership from 37.17% to 39.44%.

In 2018, the Group acquired an additional interest in First Copper Technology Co., Ltd. for \$86,300 in cash increasing its ownership from 34.69% to 37.17%.

The effects of the changes in shareholdings were as follows:

	 2019	2018
Carrying amount of non-controlling interest on acquisition	\$ 85,726	93,637
Consideration paid to non-controlling interests	 (82,263)	(86,300)
Capital surplus differences between consideration and carrying amounts subsidiaries acquired	\$ 3,463	7,337

(i) Material non-controlling interests of subsidiaries

The material non-controlling interests of subsidiaries were as follows:

		Percentage of non-controlling interests			
Subsidiaries	Main operation place	December 31, 2019	December 31, 2018		
First Copper Technology Co., Ltd.	Taiwan	60.56 %	62.83 %		
Hua Ho Engineering Co., Ltd.	Taiwan	50.58 %	50.59 %		

The following information of the aforementioned subsidiaries have been prepared in accordance with the regulations governing the preparation of financial reports by securities issuers. Included in this information are the fair value adjustment made during the acquisition and relevant difference in accounting principles between the Group as at the acquisition date. Intragroup transactions were not eliminated in this information.

(i) First Copper Technology Co., Ltd.'s collective financial information:

		December 31, 2019	December 31, 2018
Current assets	\$	1,990,131	2,071,640
Non-current assets		3,305,521	3,080,117
Current liabilities		(1,345,106)	(1,242,361)
Non-current liabilities		(272,975)	(283,339)
Net assets	\$	3,677,571	3,626,057
Non-controlling interests	\$	1,051,448	1,145,686
		2019	2018
Operating revenues	\$	2,544,943	3,108,695
Profit (loss)	\$	(99,342)	85,258
Other comprehensive income		150,856	(535,425)
Comprehensive income	\$	51,514	(450,167)
Profit (loss), attributable to non-controlling interests	\$	(60,887)	55,213
Comprehensive income, attributable to non-			
controlling interests	\$	(64,263)	52,953
Net cash flows from operating activities	\$	66,692	555,350
Net cash flows from investing activities		(132,219)	(31,611)
Net cash flows from financing activities		146,802	(424,910)
Net increase in cash and cash equivalents	\$	81,275	98,829
Paid cash dividends of non-controlling interest	\$	-	

(ii) Hua Ho Engineering Co., Ltd.'s collective financial information

	Γ	December 31, 2019	December 31, 2018
Current assets	\$	56,895	40,750
Non-current assets		3,043	1,609
Current liabilities		(25,027)	(8,669)
Non-current liabilities		(1,446)	(1,643)
Net assets	\$	33,465	32,047
Non-controlling interests	\$	16,867	16,151
		2019	2018
		1	
Operating revenues	\$	45,520	37,606
Profit	\$ \$	<u>45,520</u> 1,295	37,606
	\$ \$	· · · · · · · · · · · · · · · · · · ·	
Profit	\$ \$ \$	1,295	3,650
Profit Other comprehensive income	\$\$ \$\$\$	1,295 123	3,650 (171)

(Continued)

	2019	2018
Net cash flows from operating activities	\$ (2,429)	(6,280)
Net cash flows from investing activities	(2,001)	97
Net cash flows from financing activities	 6,456	_
Net increase (decrease) in cash and cash equivalents	\$ 2,026	(6,183)
Paid cash dividends of non-controlling interest	\$ <u> </u>	

(j) Property, plant and equipment

The Cost, depreciation, and impairment of the property, plant and equipment of the Group were as follows:

		Land	Buildings	Machinery and equipment	Other equipment	Construction in progress and testing equipment	Total
Cost or deemed cost:	\$	2,056,148	1,396,473	5,968,829	127,130	199,483	9,748,063
Balance at January 1, 2019 Additions	Ф	2,030,148	1,390,473	3,908,829 82,952	8,100	45,537	9,748,003
Reclassifications		-	3,804	14,292	92	(18,188)	-
Disposals		-	(3,145)	(22,296)	(4,129)	-	(29,570)
Balance at December 31, 2019	\$	2,056,148	1,415,744	6,043,777	131,193	226,832	9,873,694
Balance at January 1, 2018	\$	2,076,866	1,382,062	6,094,069	125,850	167,247	9,846,094
Additions		-	11,813	45,206	1,986	64,092	123,097
Reclassifications		-	13,029	17,612	1,215	(31,856)	-
Reclassified to investment property		(20,718)	(10,431)	-	-	-	(31,149)
Disposals		-	-	(188,058)	(1,921)		(189,979)
Balance at December 31, 2018	`=	2,056,148	1,396,473	5,968,829	127,130	199,483	9,748,063
Depreciation and impairment loss:							
Balance at January 1, 2019	\$	-	1,111,886	5,557,901	118,143	-	6,787,930
Depreciation		-	34,394	92,907	3,482	-	130,783
Disposals		-	(2,203)	(22,272)	(4,129)		(28,604)
Balance at December 31, 2019	\$	-	1,144,077	5,628,536	117,496		6,890,109
Balance at January 1, 2018	\$	-	1,089,245	5,641,331	117,119	-	6,847,695
Depreciation		-	32,413	104,628	2,945	-	139,986
Reclassified to investment property		-	(9,772)	-	-	-	(9,772)
Disposals	_	-		(188,058)	(1,921)		(189,979)
Balance at December 31, 2018	\$	-	1,111,886	5,557,901	118,143		6,787,930
Carrying amounts:							
Balance at December 31, 2019	\$	2,056,148	271,667	415,241	13,697	226,832	2,983,585
Balance at December 31, 2018	\$	2,056,148	284,587	410,928	8,987	199,483	2,960,133

(i) Impairment assessment:

The Group test for impairment of the cash-generating unit containing the property, plant and equipment. As of December 31, 2019, that testing shows that the property, plant and equipment is not impaired.

(ii) Collateral:

The property, plant and equipment of the Group has not been pledged as collateral or restricted.

For the gains or losses on disposal of the property, plant and equipment, please refer to note 6(z).

(k) Right- of- use assets

Information about leases land for which the Group as a lessee was presented below:

		Land
Cost:		
Balance at January 1, 2019	\$	369,153
Balance at December 31, 2019	\$	369,153
Accumulated depreciation:		
Balance at January 1, 2019	\$	-
Depreciation for the year		23,072
Balance at December 31, 2019	\$	23,072
Carrying amount:		
Balance at December 31, 2019	\$	346,081

The Group leases land under an operating lease in 2018, please refer to note 6(s).

(l) Investment property

The details of investment property were as follows:

Owned property			
-		Building and other	Total
\$	935,375	261,567	1,196,942
	-	150	150
\$	935,375	261,717	1,197,092
\$	914,657	250,157	1,164,814
	-	979	979
	20,718	10,431	31,149
\$	935,375	261,567	1,196,942
\$	-	122,074	122,074
	-	8,521	8,521
\$		130,595	130,595
	_imp \$ \$ \$	Land and improvements \$ 935,375 - \$ 935,375 \$ 914,657 - 20,718 \$ 935,375	Land and improvementsBuilding and other\$ 935,375261,567 $-$ \$ 935,375261,717 $-$ \$ 935,375261,717 $-$ \$ 914,657 $-$ 250,157 $-$ \$ 914,657 $-$ 250,157 $-$ \$ 935,375261,567 $-$ \$ 935,375261,567 $-$ \$ 935,375261,567 $-$ \$ -122,074 $-$ \$ -8,521

	Owned property			
		Land and provements	Building and other	Total
Balance at January 1, 2018	\$	-	104,044	104,044
Depreciation		-	8,258	8,258
Reclassified from property, plant and equipment			9,772	9,772
Balance at December 31, 2018	\$	-	122,074	122,074
Carrying amount:				
Balance at December 31, 2019	\$	935,375	131,122	1,066,497
Balance at December 31, 2018	\$	935,375	139,493	\$ <u>1,074,868</u>
Fair value:				
Balance at December 31, 2019				\$ <u>1,719,703</u>
Balance at December 31, 2018				\$ <u>1,663,388</u>

The Group did not have any non-cancellable lease or contingent rental. For information about investment property leases, please refer to note 6(s).

As of December 31, 2019 and 2018, the fair value of the investment property was based on comparative method and cost method by the Group. The recurring fair value measurement for the investment property based on the inputs of levels of fair value hierarchy in determining the fair value is classified to Level 3.

Investment property of the Group has not been pledged as collateral or restricted.

(m) Intangible assets

Intangible assets of the Group are computer software. The cost and amortization of the intangible assets were as follows:

	 2019	2018
Cost:		
Balance at January 1	\$ -	179
Disposals	 -	(179)
Balance at December 31	\$ -	
Amortization:		
Balance at January 1	\$ -	149
Amortization	-	30
Disposals	 	(179)
Balance at December 31	\$ -	

	2019	2018
Carrying amounts:		
Balance at January 1	\$	30
Balance at December 31	\$ <u> </u>	

(n) Other current assets and other non-current assets

The other current assets and other non-current assets of the Group were as follows:

	E	December 31, 2019	December 31, 2018
Prepaid expenses	\$	4,558	4,404
Prepaid raw materials and construction		12,388	11,875
Excess business tax paid and refundable tax		18,386	10,606
Right to the returned goods		5,030	4,337
Others		9,528	17,165
	\$	49,890	48,387
Current	\$	41,016	39,513
Non-current		8,874	8,874
	\$	49,890	48,387

(o) Short-term borrowings

Details of short-term borrowings of the Group were as follows:

December 31, 2019		ecember 31, 2019	December 31, 2018
Letters of credit	\$	232,043	80,907
Unsecured loans		813,000	854,000
Total	\$ <u> </u>	1,045,043	934,907
Unused credit lines	\$	4,341,399	6,085,971
Range of interest rates		0.55%~2.69%	1.00%~3.91%

The Group did not provide any assets as collateral for short-term borrowings.

Please refer to note 6(aa) for exchange rate risk, interest rate risk, sensitive analysis and liquid risk of the financial liabilities of the Group.

(p) Short-term notes and bills payable

Details of short-term notes and bills payable of the Group were as follows:

	December 31, 2019		December 31, 2018	
Commercial paper payable	\$	1,705,938	1,599,565	
Range of interest rates	0.98	8%~1.238%	0.938%~0.998%	

The Group did not provide any assets as collateral for short-term notes and bills payable.

Unused credit lines for short-term notes and bills payable are combined in short-term borrowings, please refer to note 6(0).

(q) Other current liabilities

Details of other current liabilities of the Group were as follows:

	December 31, 2019		December 31, 2018	
Advance receipts	\$	3,470	2,830	
Provision of onerous contracts		1,780	5,890	
Refund liabilities		6,693	5,942	
Others		2,319	1,217	
	\$	14,262	15,879	

The movement of provisions were as follows:

)nerous ontracts
Balance at January 1, 2019	\$ 5,890
Provisions used and reversed during the year	(5,879)
Provisions made during the year	 1,769
Balance at December 31, 2019	\$ 1,780
Balance at January 1, 2018	\$ 1,148
Provisions used and reversed during the year	(1,333)
Provisions made during the year	 6,075
Balance at December 31, 2018	\$ 5,890

The movement of provisions of onerous contracts were included in other gains or losses of nonoperating income and expense in the consolidated statements of comprehensive income.

(r) Lease liabilities

The carrying amounts of lease liabilities of the Group was as follows:

		December 31,	
		2019	
Current	\$	15,796	
Non-current	\$ <u></u>	274,052	

For the maturity analysis, please refer to note 6(aa) Financial instruments.

The amounts recognized in profit or loss was as follows:

	2019
Interest on lease liabilities	\$ 3,795
Expenses relating to short-term leases	\$ 2,143

The amounts recognized in the statement of cash flows for the Group was as follows:

	2019
Total cash outflow for leases	\$ 21,519

(i) Real estate leases

As of December 31, 2019, the Group leases land from Taiwan Sugar Corporation for its plant. The leases of plant typically run for a period of 40 years.

Some leases include an option to renew the lease for an additional period of the same duration after the end of the contract term. Leases provide for additional rent payments that are based on changes in declared land price.

(ii) Other leases

The Group also leases some office space and equipment. These leases are short-term with a lease term of less than one year. The Group has elected not to recognize right-of-use assets and lease liabilities for these leases.

For the details on the operating leases of the Group on December 31, 2018, please refer to note 6(s).

- (s) Operating lease
 - (i) Leases as lessee

The Group signed a leasehold agreement and superficies contract with Taiwan Sugar Co., Ltd. for the building of its optical fiber plant. The land is located at Shande section, Renwu district, Kaohsiung City.

- 1) The agreement covers a period of fifty years from November 16, 1994, through October 31, 2044.
- 2) The leasehold is limited to the manufacture of optical fiber, wire and cable.
- 3) The annual payment of the rental expense is based on the declared value of the leasehold land multiplied by an annual interest rate of 10%.
- 4) The prepayment for the first twenty years' land usage fee was four times the value of the first year's rental expense.

In 2018, the rental expense, amounting to \$5,731, was included in operating costs in the consolidated statements of comprehensive income. As of December 31, 2018 the unamortized land usage fees of \$90,737 was included in long-term prepaid rents in the consolidated balance sheets.

The rental expenses of \$12,514 in 2018, was included in operating costs in the consolidated statements of comprehensive income. As of December 31, 2018, the prepaid rental expenses of \$592, was included in other current assets in the consolidated balance sheets.

(ii) Leases as lessor

The Group leases out its investment property. The Group has classified these leases as operating leases, because it does not transfer substantially all of the risks and rewards incidental to the ownership of the assets. Please refer to note 6(1) sets out information about the operating leases of investment property.

As of December 31, 2019, a maturity analysis of lease payments, showing the undiscounted lease payments to be received after the reporting date are as follows:

	Dec	ember 31, 2019
Less than one year	\$	36,702
One to two years		23,422
Two to two years		6,670
Three to two years		1,401
Total undiscounted lease payments	\$	68,195

As of December 31, 2018, the future minimum lease payments under non-cancellable leases are as follows:

	December 31,	
		2018
Less than one year	\$	26,542
Between one and five years		40,776
	\$	67,318

In 2019 and 2018, the rental income for investment property amounting to \$36,899 and \$25,517, respectively, is included in other income in the consolidated statements of comprehensive income.

The direct expenses including repairs and maintenance arising from income-generating investment property amounting to \$5,399 and \$5,659 in 2019 and 2018, respectively, are included in other gains and losses in the consolidated statements of comprehensive income.

(t) Employee benefits

(i) Defined benefit plans

Reconciliation of defined benefit obligation at present value and plan asset at fair value were as follows:

	De	cember 31, 2019	December 31, 2018
Present value of the defined benefit obligations	\$	466,894	459,171
Fair value of plan assets		(439,723)	(356,339)
Net defined benefit liabilities	\$	27,171	102,832

The Group makes defined benefit plan contributions to the labor pension fund account and manager pension fund account, respectively, with Bank of Taiwan. Such accounts provide pensions for employees upon retirement. Plans (covered by the Labor Standards Law) entitle retired employees to receive retirement benefits based on years of service and average monthly salary for the six months prior to retirement.

1) Composition of plan assets

The Group allocates its labor pension funds in accordance with the Labor Standards Law, and such funds are managed by the Bureau of Labor Funds, Ministry of Labor. According to the Regulations for Revenues, Expenditures, Safeguard and Utilization of the Labor Retirement Fund, the minimum earnings of the funds will be no less than the earnings attainable from two-year time deposits, with interest rates offered by local banks.

The balance of the Group's pension reserve accounts for labor and managers in Bank of Taiwan amounted to \$439,723 at the end of the reporting period. For information on the utilization of the labor pension fund assets including the asset allocation and yield of the fund, please refer to the website of the Bureau of Labor Funds, Ministry of Labor. The pension funds for mangers deposited with time deposits and demand deposits.

2) Movements in present value of the defined benefit obligations

The movements in present value of the defined benefit obligations for the Group were as follows:

		2019	2018
Defined benefit obligations at January 1	\$	459,171	445,652
Current service costs and interest		7,672	9,211
Remeasurement of the net defined benefit liabilities :			
-Actuarial loss (gain) arising from change in financia	1	6,725	9,810
assumptions			
-Actuarial loss (gain) arising from change in			
demographic assumptions		(214)	-
-Actuarial loss (gain) arising from experience			
adjustments		15,484	16,117
Benefits paid by the plan		(21,944)	(21,619)
Defined benefit obligations at December 31	\$	466,894	459,171

(Continued)

3) Movements in the fair value of plan assets

The movements in the fair value of the plan assets for the Group were as follows:

	2019	2018
Fair value of plan assets at January 1	\$ 356,339	322,679
Interest income	3,894	4,324
Remeasurements of the net defined benefit liabilities:		
-Return on plan assets (excluding interest income)	12,333	8,724
Contributions made	89,101	42,013
Benefits paid by the plan	 (21,944)	(21,401)
Fair value of plan assets at December 31	\$ 439,723	356,339

4) Expenses recognized in profit or loss

The expenses recognized in profit or loss for the Group were as follows:

	 2019	2018
Current service costs	\$ 2,690	3,284
Net interest of net defined benefit liabilities	 1,088	1,603
	\$ 3,778	4,887
Operating costs	\$ 3,335	4,327
Operating expenses	 443	560
	\$ 3,778	4,887

5) Remeasurement in net defined benefit liabilities recognized in other comprehensive income

The remeasurement in net defined benefit liabilities recognized in other comprehensive income for the Group were as follows:

2010

	2019	2018
Accumulated amount at January 1	\$ (46,156)	(28,953)
Recognized during the period	 (9,662)	(17,203)
Accumulated amount at December 31	\$ (55,818)	(46,156)

2010

6) Actuarial assumptions

The principal actuarial assumptions at the reporting date were as follows:

	December 31, 2019	December 31, 2018
Discount rate	0.750% to 1.000 %	1.000% to 1.125 %
Future salary increase rate	1.000 %	1.000 %

The expected allocation payment to be made by the Group to the defined benefit plans for the one-year period after the reporting date is \$13,580.

The weighted-average lifetime of the defined benefits plans is 9.01 years to 10.42 years.

7) Sensitivity analysis

If the actuarial assumptions had changed, the impact on the present value of the defined benefit obligation shall be as follows:

		Influences of defined benefit obligations		
	_	Increased	Decreased	
As of December 31, 2019				
Discount rate (Decreasing or increasing in 0.25%)	\$	(9,841)	9,504	
Future salary increasing rate (Decreasing or increasing in 0.25%)		9,243	(9,003)	
As of December 31, 2018				
Discount rate (Decreasing or increasing in 0.25%)	\$	(9,608)	9,927	
Future salary increasing rate (Decreasing or increasing in 0.25%)		9,679	(9,418)	

Reasonably possible changes at the reporting date to one of the relevant actuarial assumptions, holding other assumptions constant, would have affected the defined benefit obligation by the amounts shown above. The method used in the sensitivity analysis is consistent with the calculation of pension liabilities in the balance sheets.

There is no change in the method and assumptions used in the preparation of sensitivity analysis for 2019 and 2018.

(ii) Defined contribution plans

The Group allocates 6% of each employee's monthly wages to the labor pension personal account at the Bureau of Labor Insurance in accordance with the provisions of the Labor Pension Act. Under these defined contribution plans, the Group allocates a fixed amount to the Bureau of Labor Insurance without additional legal or constructive obligation.

The Group recognized the pension costs under the defined contribution method amounting to \$17,436 and \$16,923 for 2019 and 2018, respectively. The payment was made to the Bureau of Labor Insurance. As of December 31, 2019 and 2018, the payables which had not been contributed to the Bureau of Labor Insurance were \$3,280 and \$2,942 respectively, and they were recognized as notes payable and other payables in the consolidated balance sheets.

(iii) Short-term benefit obligation

As of December 31, 2019 and 2018, the Group's short-term benefit liabilities for vacation were \$20,134 and \$19,554, respectively, and were recognized as other payables in the consolidated balance sheets.

(u) Income taxes

(i) The amount of income tax expense (benefit) was as follows:

	2019	2018
Current tax expense (benefit)		
Current period	\$ -	27,108
Adjustment for prior years	 (110)	(15)
	 (110)	27,093
Deferred tax expense (benefit)		
Origination and reversal of temporary		
differences and tax losses	(93,885)	4,838
Adjustment in tax rate	-	(10,094)
Change in unrecognized deferred tax assets of		
deductible temporary differences and tax		
losses	 25,400	(7,439)
	 (68,485)	(12,695)
Income tax expense (benefit)	\$ (68,595)	14,398

No income tax was recognized directly in equity or other comprehensive income for 2019 and 2018.

Reconciliation of income tax expense (benefit) and profit (loss) before tax for 2019 and 2018 were as follows:

	 2019	2018
Profit (loss) before income tax	\$ 663,824	(546,251)

	2019	2018
Income tax using the Company's domestic tax rate \$	132,765	(109,250)
Unrealized losses (gains) on valuation of financial		
assets	(130,160)	179,765
Adjustment in tax rate	-	(10,094)
Dividends income	(16,226)	(38,072)
Dividends income which does not count in tax loss		
carryforward	16,678	-
Non-deductible expenses	108	78
Effect of investment losses (gains) under equity		
method	230	(13)
Compensate for loss reduction of investees	(97,274)	-
Liquidated loss on investees	-	(701)
Changes in unrecognized temporary differences		
and tax losses	25,400	(7,439)
Adjustments for prior periods	(110)	(15)
Undistributed earnings additional tax	-	111
Others	(6)	28
\$	(68,595)	14,398

(ii) Deferred tax assets and liabilities

1) Unrecognized deferred tax assets

Deferred tax assets of the Group have not been recognized in respect of the following items:

	D	ecember 31, 2019	December 31, 2018
Defined benefits plan	\$	24,962	100,344
The carryforward of unused tax loss		567,792	360,636
	<u>\$</u>	592,754	460,980

Deferred tax assets have not been recognized in respect of these items because it is not probable that future taxable profit will be available against which the Group can utilize the benefits therefrom.

The R.O.C Income Tax Act allows net losses, as assessed by the tax authorities, to offset taxable income over a period of ten years for local tax reporting purposes. As of December 31, 2019, the information of the Group's unused tax losses for which no deferred tax assets were recognized are as follows:

Year of loss	Unused tax loss		Year of expiry
2015 (approved)	\$	59,012	2025
2016 (approved)		301,624	2026
2019 (not yet approved)		207,156	2029
	\$	567,792	

2) Recognized deferred tax assets and liabilities

Changes in the amount of deferred tax assets and liabilities for 2019 and 2018 were as follows:

Deferred tax liabilities:	di us PI fir	justment of fference of seful life of PE between ancial and ax method	Unrealized foreign exchange gains	Land value increment tax provision	Others	Total
Deferred tax habilities:						
Balance at January 1, 2019	\$	402	29	786,248	722	787,401
Debit (credit) profit or loss		(214)	(29)		(292)	(535)
Balance at December 31, 2019	\$	188		786,248	430	786,866
Balance at January 1, 2018	\$	524	35	786,248	93	786,900
Debit (credit) profit or loss		(122)	(6)		629	501
Balance at December 31, 2018	\$	402	29	786,248	722	787,401

		Tax loss carry- forward	Allowance for inventories losses	Others	Total
Deferred tax assets:	-				
Balance at January 1, 2019	\$	41,400	10,112	19,537	71,049
Credit (debit) profit or loss	_	67,135	(611)	1,426	67,950
Balance at December 31, 2019	\$	108,535	9,501	20,963	138,999
Balance at January 1, 2018	\$	36,441	2,550	18,862	57,853
Credit (debit) profit or loss	_	4,959	7,562	675	13,196
Balance at December 31, 2018	\$_	41,400	10,112	19,537	71,049

(iii) Assessment of tax

The Company's income tax returns for the years through 2017 were assessed by the tax authorities.

(v) Capital and other equity

(i) Capital stock

As of December 31, 2019 and 2018, the authorized shares capital of the Company was \$6,327,735, comprising 632,774 thousand shares, with a par value \$10. All issued shares were paid up upon issuance.

(ii) Capital surplus

The balances of capital surplus were as follows:

	December 31, 2019	December 31, 2018
Treasury share transactions	\$ -	207,530
Difference arising from subsidiary's share price		
and its carrying value	 3,463	47,429
	\$ 3,463	254,959

According to the ROC Company Act, capital surplus can only be used to offset a deficit, and only the realized capital surplus can be used to increase the common stock or be distributed as cash dividends. The aforementioned realized capital surplus includes capital surplus resulting from premium on issuance of capital stock and earnings from donated assets received. According to the Regulations Governing the Offering and Issuance of Securities by Securities Issuers, capital increases by transferring capital surplus in excess of par value should not exceed 10% of the total common stock outstanding.

(iii) Retained earnings

According to the Company's articles of incorporation, current-period earnings should first be used to settle all outstanding tax payables and accumulated deficit, and then 10% should be retained as legal reserve until the accumulated legal reserve equals the issued capital stock, and special reserve should be retained or reversed according to the Company's operating environment and statutory requirements. Thereafter, any remaining profit, together with any undistributed prior-period retained earnings, shall be distributed at the discretion of the board of directors and with the resolution to be approved during the stockholders' meeting.

The industry of operation of the Company still has good prospects. The Company will grasp the economic environment for sustainable operation and long-term development. When preparing the proposal for appropriation of net profit, the board of directors will follow a stable dividend policy, which will be based on the Company's expected profit in the future, and plan for operating capital, thereafter, a portion of net profit should be retained. Cash dividends should not be less than 10% of total dividends.

1) Legal reserve

When the Company incurs no loss, it may, pursuant to a resolution approved during the shareholder's meeting, distribute its legal reserve by issuing new shares or by distributing cash, and only the portion of legal reserve which exceeds 25% of capital may be distributed.

2) Special reserve

According to Securities and Futures Bureau (SFB, former SFC) regulations, the investment income resulting from the sale of long-term equity investment in First Copper Technology Co., Ltd. in 1988 should be treated as unrealized gain, and such gain cannot be distributed until such long-term equity investment is resold. As of December 31, 2019 and 2018, the amount of the unrealized gain was \$95,408.

By choosing to apply exemptions granted under IFRS 1 First-time Adoption of International Financial Reporting Standards during the Company's first-time adoption of the IFRSs approved by the FSC, unrealized revaluation gains shall be reclassified as unappropriated retained earnings at the adoption date. According to regulations, the increase in retained earnings amounted to \$888,766. It exceeded the increase in retained earning before the date of first-time adoption of IFRSs amounting to \$776,576. In accordance with Ruling No. 1010012865 issued by the FSC on April 6, 2012, an increase in retained earnings due to the first-time adoption of IFRSs shall be

retained as a special reserve, and when the relevant assets are used, disposed of, or reclassified, this special reserve shall be reversed as distributable earnings proportionately. As of the carrying amount of special reserve amounted to \$776,576 on December 31, 2019 and 2018.

In accordance with the guidelines of the above Ruling, a portion of current-period earnings and undistributed prior-period earnings shall be retained as a special reserve. The amount to be retained should be equal to the current-period total reduction of other shareholders' equity. Similarly, a portion of undistributed prior-period earnings shall be reclassified as a special reserve (which does not qualify for earnings distribution) to account for cumulative changes to other shareholders' equity pertaining to prior periods. Amounts of subsequent reversals pertaining to the net reduction of other shareholders' equity shall qualify for additional distributions.

In accordance with Rule No. 1010047490 issued by the Financial Supervisory Commission ("FSC") on November 21, 2012, if the market value of the Company's shares is lower than the carrying value of the Company's shares held by subsidiaries at year-end, the Company should retain a special reserve amounting to the difference between the market value and the carrying value, based upon the Company's ownership percentage in the subsidiaries. When market value rebounds, the Company could reverse the special reserve. The balance of special reserve was reserved by the Company amounting to \$73,758, with the approval of shareholders in June 2018. As of December 31, 2019 and 2018, the balance of special reserve both amounted to \$1,887.

3) Earnings distribution

In 2018, the Company incurred loss, the legal reserve and capital surplus amounting to \$348,038 was used to offset accumulated deficit, with the approval of the general meeting of shareholders held on June 12, 2019.

Earnings distribution for 2017 was decided by the resolution adopted, at the general meeting of shareholders held on June 14, 2018. The relevant dividend distributions to shareholders is as follows:

	2017			
	Amoun	it per share	Amount	
Dividends distributed to ordinary shareholders:				
Cash	\$	0.73	461,925	

Related Information would be available at the Market Observation Post System website after the approval from the shareholders.

(iv) Treasury stock

First Copper Technology Co., Ltd, controlled by the Company, held the Company's common stocks for finance management. Such shares are treated as treasury stock in preparation of financial statements. As of December 31, 2019 and 2018, the investee, First Copper Technology Co., Ltd., held 208,564 thousand shares of the Company's common stock, and their market values amounted to \$2,075,210 and \$1,918,787, respectively. As of December 31,

2019 and 2018, the total amount which the Company recognized as treasury stock was \$968,671 and \$912,919, respectively.

(v) Other equity (net of tax)

	me fa thro com	inancial assets easured at air value ough other prehensive income	Available-for- sale financial assets	Total
Balance at January 1, 2019	\$	(27,279)	-	(27,279)
Unrealized gains (losses) from financial assets measured at fair value through other comprehensive income		(17,270)	-	(17,270)
Unrealized gains (losses) from financial assets measured at fair value through other comprehensive income of subsidiaries accounted for using		(252)		(252)
equity method	<u></u>	(252)		(252)
Balance at December 31, 2019	\$	(44,801)		(44,801)
Balance at January 1, 2018	\$	-	123,591	123,591
Effects of retrospective application		(23,768)	(123,591)	(147,359)
Balance at January 1, 2018 after adjustment Unrealized gains (losses) from financial assets measured at fair		(23,768)	-	(23,768)
value through other comprehensive income Unrealized gains (losses) from financial assets measured at fair value through other		(3,057)	-	(3,057)
comprehensive income of subsidiaries accounted for using equity method Disposal of investments in equity instruments measured at fair value through other		(116)	-	(116)
comprehensive income		(338)	-	(338)
Balance at December 31, 2018	\$_	(27,279)		(27,279)
,		/		/

(w) Earnings per share

The calculation of basic earnings per share and diluted earnings per share for the years ended December 31, 2019 and 2018, were as follows (excluding 208,564 thousand shares, of common stock outstanding held by the Company's subsidiaries as treasury stock):

	 2019	2018
Basic earnings per share		
Profit (loss) attributable to ordinary shareholders of the Company	\$ 792,653	(617,703)
Weighted-average number of common shares outstanding (shares in thousands)	 424,210	424,210
Basic earnings per share (in dollars)	\$ 1.87	(1.46)
Diluted earnings per share		
Profit (loss) attributable to ordinary shareholders of the Company (After adjusting to dilutive potential ordinary share		
effect)	\$ 792,653	(617,703)
Weighted-average number of common shares outstanding (shares in thousands) Effect of dilutive potential ordinary shares	424,210	424,210
Effect of employee share bonus (shares in thousands) Weighted-average number of common shares	 1,838	- (Note)
outstanding (shares in thousands) (After adjusting to dilutive potential ordinary share		
effect)	 426,048	424,210
Diluted earnings per share (in dollars)	\$ 1.86	(1.46)

Note: For the year ended December 31, 2018, the effects of common shares were not included in the calculation of the diluted earnings per share, due to their anti-dilutive impact on earnings per share.

(x) Revenue from contracts with customers

(i) Disaggregation of revenue

			2019		
	Wire	Cable	Copper	Other	Total
Primary geographical markets:					
Taiwan	\$ 1,663,610	2,882,877	1,358,715	417,698	6,322,900
Mainland China	233,520	8,484	598,822	-	840,826
Others	92,133	162	576,596		668,891
Total	\$ <u>1,989,263</u>	2,891,523	2,534,133	417,698	7,832,617
Major products/services lines:					
Oxygen free copper wire	\$ 1,804,959	-	-	-	1,804,959
Wire and cable	-	2,687,326	-	-	2,687,326
Copper plate	-	-	2,245,891	-	2,245,891
Processing revenue	20,227	912	101,696	-	122,835
Contract revenue	-	-	-	375,099	375,099
Others	164,077	203,285	186,546	42,599	596,507
Total	\$ <u>1,989,263</u>	2,891,523	2,534,133	417,698	7,832,617
Timing for revenue recognition:					
Products transferred at a point in time	\$ 1,989,263	2,891,523	2,534,133	42,599	7,457,518
Construction transferred over time	_	_	_	375,099	375,099
Total	\$ 1,989,263	2,891,523	2,534,133	417,698	7,832,617
10141	\$ <u>1,707,205</u>	2,071,525	2,337,133		7,052,017
			2018		
	Wire	Cable	Copper	other	total
Primary geographical markets:					
Taiwan	\$ 1,815,654	2,962,594	1,676,320	216,657	6,671,225
Mainland China	372,145	3,242	766,901	-	1,142,288
Others	88,516		658,064		746,580
Total	\$ <u>2,276,315</u>	2,965,836	3,101,285	216,657	8,560,093

HUA ENG WIRE & CABLE CO., LTD. AND SUBSIDIARIES
Notes to the Consolidated Financial Statements

			2018		
	Wire	Cable	Copper	other	total
Major products/services lines:					
Oxygen free copper wire	\$ 2,008,674	-	-	-	2,008,674
Wire and cable	-	2,803,675	-	-	2,803,675
Copper plate	-	-	2,821,948	-	2,821,948
Processing revenue	17,538	896	113,839	-	132,273
Contract revenue	-	-	-	185,859	185,859
Others	250,103	161,265	165,498	30,798	607,664
Total	\$ <u>2,276,315</u>	2,965,836	3,101,285	216,657	8,560,093
Timing for revenue recognition:					
Products transferred at a point in time	\$ 2,276,315	2,965,836	3,101,285	30,798	8,374,234
Construction transferred over time			<u> </u>	185,859	185,859
Total	\$ <u>2,276,315</u>	2,965,836	3,101,285	216,657	8,560,093

As of December 31, 2019 and 2018, the estimated amount of refund liabilities was \$6,693 and \$5,942, respectively, recognized as deduction of current-period revenue. The refund liabilities were included in other current liabilities in the consolidated balance sheets.

(ii) Contract balances

		December 31, 2019	December 31, 2018
Notes and accounts receivable	\$	914,114	1,071,537
Less: allowance for impairment	_	-	
Total	\$_	914,114	1,071,537
		December 31, 2019	December 31, 2018
Contract assets - construction	\$	117,698	91,347
Contract liabilities - construction	\$	8,499	62,743
Contract liabilities-advance sales receipts	_	26,676	20,891
Total	\$_	35,175	83,634

For additional information on accounts receivable and allowance for impairment, please refer to note 6(d).

For details on onerous contracts as of December 31, 2019 and 2018, please refer to note 6(q).

The amount of revenue which was recognized in the year ended December 31, 2019 and 2018, and included in the contract liability balance at January 1, 2019 and 2018 were \$77,103 and \$81,480, respectively.

The major change in the balance of contract assets and contract liabilities is the difference between the time frame in the performance obligation to be satisfied and the payment to be received.

(y) Remuneration to employees, directors and supervisors

In accordance with the Articles of incorporation, the Company should contribute no less than 3% of the profit as employee remuneration and a maximum of 2% as directors' and supervisors' remuneration when there is profit for the year. However, if the Company has accumulated deficits, the profit should be reserved to offset the deficit.

For the year ended December 31, 2019, the Company estimated its employee remuneration amounting to \$18,288, and directors' remuneration amounting to \$3,048. The estimated amounts mentioned above are calculated based on the net profit before tax, excluding the remuneration to employees and directors of each period, multiplied by the percentage of remuneration to employees and directors as specified in the Company's articles. These remunerations were expensed under operating cost or operating expenses during 2019. If there are any subsequent adjustments to the actual remuneration amounts, the adjustment will be accounted for as changes in accounting estimates and will be reflected in profit or loss in the following year. Related information would be available at the Market Observation Post System website. For the year ended December 31, 2018, the Company's operating result was net loss before tax, therefore, no remuneration to employees, directors and supervisors were appropriated. The amounts, as stated in the financial statements, are identical to those of the actual distributions for 2019.

- (z) Non-operating income and expenses
 - (i) Other income

Details of other income of the Group were as follows:

	 2019	2018
Interest income	\$ 149	174
Dividend income	81,133	190,360
Rental income	37,164	25,783
Revenue from sale of scrap	2,096	4,481
Directors' and supervisors' remuneration	2,506	5,147
Others	 2,483	2,188
	\$ 125,531	228,133

(ii) Other gains and losses

The details of other gains and losses of the Group were as follows:

		2019	2018
Foreign exchange gains (loss), net	\$	(244)	4,498
Net gains (losses) of financial assets at fair value through profit or loss		650,799	(898,824)
Net gains (losses) on disposal of property, plant and equipment		(1,055)	771
Depreciation of investment property		(8,521)	(8,258)
Others		(3,129)	(13,711)
	<u>\$</u>	637,850	(915,524)

(iii) Finance costs

The details of finance costs of the Group were as follows:

	 2019	2018
Interest expenses		
Bank loans and short-term notes payable	\$ (17,996)	(15,957)
Lease liabilities	(3,795)	-
Others	 (36)	(28)
	\$ (21,827)	(15,985)

(aa) Financial instruments

(i) Categories of financial instruments

1) Financial assets

		December 31, 2019	December 31, 2018
Financial assets at fair value through profit or loss:			
Mandatorily measured at fair value through profit or loss	\$_	3,162,316	2,451,642
Financial assets at fair value through other comprehensive income (including accounts receivable)	_	79,414	102,550
Financial assets measured at amortized			
cost: Cash and cash equivalents		639,066	668,021
Notes receivable, accounts receivable, and other receivables		922,557	1,142,063
Guarantee deposits paid	_	418	326
Subtotal		1,562,041	1,810,410
Total	\$_	4,803,771	4,364,602

		2019	2018
Financial liabilities at amortized cost:			
Short-term borrowings	\$	1,045,043	934,907
Short-term notes and bills payable		1,705,938	1,599,565
Payables (including related parties)		415,281	503,837
Lease liabilities (including current			
portion)		262,848	-
Guarantee deposits received	_	3,606	2,726
Total	\$_	3,432,716	3,041,035

December 21

2) Financial liabilities

(ii) Credit risk

1) Exposure to credit risk

The carrying amount of financial assets and contract assets represents the maximum amount exposed to credit risk.

2) Concentration to credit risk

The cash is deposited in different financial institutions. The Group manages the credit risk exposure with each of these financial institutions and believes that cash do not have a significant credit risk concentration.

The major customers of the Group are centralized in industries within similar areas and dealers. To reduce concentration of credit risk, the Group evaluates those customers' financial positions and requires customers to provide letter of credit before shipping, if necessary. In addition, the Group evaluates the possibility of collecting the notes and accounts receivable periodically.

As of December 31, 2019 and 2018, one customer accounted for 39.54% and 24.11% of the notes and accounts receivable, respectively, and thus caused a concentration of credit risk.

3) Credit risk of receivables

For credit risk exposure of notes and accounts receivable, please refer to note 6(d). Other financial assets at amortized cost includes other receivables and other financial assets (guarantee deposits paid).

All of these other financial assets at amortized cost are considered to have low risk, and thus, the impairment provision recognized during the period was limited to 12 months expected losses. (Regarding how the financial instruments are considered to have low credit risk, please refer to note 4(g)). No impairment loss allowance were recognized or reversed for the years ended December 31, 2019 and 2018.

December 21

(iii) Liquidity Risk

Details of financial liabilities categorized by due dates were as follows. The amounts include estimated interest payments but exclude the impacts of netting agreements.

	_	Carrying amount	Contractual cash flows	Within 6 months	6-12 months	1-2 years	2-5 years	Over 5 years
December 31, 2019								
Non-derivative financial liabilities								
Short-term borrowings	\$	1,045,043	1,047,056	1,047,056	-	-	-	-
Short-term notes and bills payable		1,705,938	1,706,500	1,706,500	-	-	-	-
Notes payable		11,264	11,264	11,264	-	-	-	-
Accounts payable (including related parties)		342,406	342,406	342,406	-	-	-	-
Other payables		61,611	61,611	61,611	-	-	-	-
Lease liabilities (including current portion)		262,848	290,445	19,363	-	19,363	58,089	193,630
Guarantee deposits received	_	3,606	3,606	226	880	200	2,300	
	\$_	3,432,716	3,462,888	3,188,426	880	19,563	60,389	193,630
December 31, 2018								
Non-derivative financial liabilities								
Short-term borrowings	\$	934,907	935,469	935,469	-	-	-	-
Short-term notes and bills payable		1,599,565	1,600,000	1,600,000	-	-	-	-
Notes payable		16,952	16,952	16,952	-	-	-	-
Accounts payable (including related parties)		422,754	422,754	422,754	-	-	-	-
Other payables		64,131	64,131	64,131	-	-	-	-
Guarantee deposits received	_	2,726	2,726	6	360	880	1,480	-
	\$_	3,041,035	3,042,032	3,039,312	360	880	1,480	

The Group does not expect that the cash flows included in the maturity analysis could occur significantly earlier or at significantly different amounts.

- (iv) Foreign currency risk
 - 1) Exposure to foreign currency risk

The Group's significant financial assets and liabilities exposed to foreign currency risk were as follows:

	_	De	cember 31, 201	9	December 31, 2018		
		Foreign currency	Exchange rate	TWD	Foreign currency	Exchange rate	TWD
Financial assets	-						
Monetary items							
USD	\$	1,461	29.98	43,822	1,301	30.715	39,950
HKD		29	3.849	112	-	-	-
Financial liabilities							
Monetary items							
USD		1,635	29.98	49,137	514	30.715	15,839
JPY		14,803	0.276	4,090	3,250	0.2782	904
EUR		15	33.59	488	11	35.20	373

2) Sensitivity analysis

The foreign currency risk was mainly incurred from the translation of cash and cash equivalents, accounts receivable, other receivables, short-term borrowings, accounts payable, and other payables. As of December 31, 2019 and 2018, if the exchange rate of the NTD versus the USD, HKD, JPY and EUR had increased or decreased by 1%, given no changes in other factors, the impact were as follows:

201	19	2018		
Depreciate 1%	Appreciate 1%	Depreciate 1%	Appreciate 1%	
Decrease in net profit after tax	Increase in net profit after tax	Decrease in net loss after tax	Increase in net loss after tax	
\$ 78	78	183	183	

The analysis is performed in the same basis for 2019 and 2018.

3) Exchange gains and losses from monetary items

The exchange gains (losses) (including realized and unrealized) that resulted from monetary were as follow:

		2019	2018
	E	xchange gains (losses)	Exchange gains (losses)
USD	\$	(93)	4,233
Others		(151)	265
Total	\$	(244)	4,498

(v) Interest rate analysis

Please refer to the notes on liquidity risk management and the interest rate exposure of the Group's financial liabilities.

The sensitivity analysis of interest was determined based on the interest rate of derivative and non-derivative instruments at the reporting date. The analysis of liabilities bearing floating interest rates was prepared based on the assumption that the outstanding amounts at the reporting date had existed for the whole year. Management adopted 0.25% as a reasonable change in interest rates, and therefore evaluated the impacts of 0.25% changes in interest rates.

If interest rates on borrowings had increased or decreased 0.25%, with all other variables held constant, the information was as follows:

	201	9	2018		
	Increase 0.25%	Decrease 0.25%	Increase 0.25%	Decrease 0.25%	
_	Decrease in net profit after tax	Increase in net profit after tax	Increase in net loss after tax	Decrease in net loss after tax	
\$	2,090	2,090	1,870	1,870	

The impact was due to the floating interest rates of bank loans.

(vi) Equity securities prices risk

If the prices of equity securities change at reporting date, with all other variables held constant, the influences on other comprehensive income, were as follows:

	2019		2018		
Prices at reporting date	Other comprehensive income after tax	Net income	Other comprehensive income after tax	Net income	
Increase by 1%	\$ <u>749</u>	31,623	928	24,516	
Decrease by 1%	\$ <u>(749</u>)	(31,623)	(928)	(24,516)	

(vii) Fair value of financial instruments

1) Fair value of financial instruments

The fair value of financial assets at fair value through profit or loss and at fair value through other comprehensive income is measured on recurring basis. The carrying amount and fair value of the Group's financial assets and liabilities, including the information on fair value hierarchy were as follow; however, except as described in following paragraphs, for financial instruments not measured at fair value whose carrying amount is reasonably close to the fair value, and lease liabilities, disclosure of fair value information is not required:

	December 31, 2019					
	Carrying	Fair Value				
	amount	Level 1	Level 2	Level 3	Total	
Financial assets at fair value through profit or loss						
Publicly traded stocks	\$ 2,869,663	2,869,663	-	-	2,869,663	
Non-publicly traded stocks	292,653	260,793	-	31,860	292,653	
Total	\$ <u>3,162,316</u>					
Financial assets at fair value through other comprehensive income						
Non-publicly traded stocks	\$ 74,895	-	-	74,895	74,895	
Accounts receivable	4,519	-	4,519	-	4,519	
Total	\$ <u>79,414</u>					

		December 31, 2018					
	Carrying	Fair Value					
	amount	Level 1	Level 2	Level 3	Total		
Financial assets at fair value throug profit or loss	gh						
Publicly traded stocks	\$ 2,241,674	2,241,674	-	-	2,241,674		
Non-publicly traded stocks	209,968	172,708	-	37,260	209,968		
Total	\$ <u>2,451,642</u>						

	December 31, 2018					
		arrying	Fair Value			
		amount	Level 1	Level 2	Level 3	Total
Financial assets at fair value through other comprehensive income						
Non-publicly traded stocks	\$	92,817	-	-	92,817	92,817
Accounts receivable	_	9,733	-	9,733	-	9,733
Total	\$_	102,550				

2) Valuation techniques and assumptions used in fair value

Non-derivative instruments

If a financial instrument has a quoted price in an active market, the quoted price is used as fair value. Quoted prices of major stock exchange and quoted prices of government bonds are the basis for measuring the fair value of stocks listed on an exchange, stocks listed on the OTC, and debt instruments with quoted prices in an active market.

The fair values of the Group's listed securities, and open-end funds with standard terms and conditions, and traded in active markets, were determined by the quoted market prices.

Measurements of fair value of financial instruments without an active market are based on a valuation technique or quoted price from a competitor. Fair value measured by a valuation technique can be extrapolated from similar financial instruments, the discounted cash flow method, or other valuation technique including a model using observable market data at the reporting date.

The equity instruments of the Group do not have any quoted market price. The fair value of the equity instruments is determined based on the ratio of the quoted market price of the comparative listed company and its book value per share. Also, the fair value is discounted for its lack of liquidity in the market.

3) Transfer between level 1 to level 3

There was no transfer between the fair value hierarchy levels for the year ended December 31, 2019.

The Group held an investment in equity shares of Liyu Technology Co, Ltd. (Liyu), which was classified as fair value through profit or loss, with the fair values of \$37,260 thousand and \$47,205 thousand as of December 31, 2018 and 2017, respectively. Because the stock trading of Liyu on the Emerging stock was terminated on August 24, 2018, its financial instrument did not have any quoted market price. Therefore, the fair value of Liyu's stock was measured with significant unobservable inputs, resulting in its transfer from Level 1 to Level 3 of the fair value hierarchy as of December 31, 2018.

4) Movements of financial assets in level 3

	thro	Fair value ough profit or loss	Fair value through other comprehensive income Equity investment without an active market	
	-	ity investment out an active market		
Balance at January 1, 2019	\$	37,260	92,817	
Total gains or losses				
Recognized in profit (loss)		(5,400)		
Recognized in other comprehensive income (loss)		-	(17,922)	
Balance at December 31, 2019	\$	31,860	74,895	
Balance at January 1, 2018	\$	-	64,293	
Effect of retrospective application		-	34,310	
Balance at January 1, 2018 after adjustments		-	98,603	
Total gains or losses		-		
Recognized in profit (loss)		(9,945)	-	
Recognized in other comprehensive income (loss)		-	(3,386)	
Disposals		-	(2,400)	
Transfer from Level 1		47,205		
Balance at December 31, 2018	\$	37,260	92,817	

For the years ended December 31, 2019 and 2018, total gains and losses that were included in "other gains and losses" and "unrealized gains and losses from financial assets at fair value through other comprehensive income" were as follows:

	 2019	2018
Total gains and losses recognized:		
In profit or loss, and presented in "other gains and losses"	\$ (5,400)	(9,945)
In other comprehensive income, and presented in "unrealized gains and losses from financial assets at fair value through		
other comprehensive income"	(17,922)	(3,386)

5) Quantified information on significant unobservable inputs (Level 3) used in fair value measurement.

The Group's financial instruments that use Level 3 inputs to measure fair value include "financial assets measured at fair value through profit or loss – equity investments" and

"financial assets measured at fair value through other comprehensive income - equity investments".

The Group's financial instrument that use Level 3 inputs to measure fair value was significant unobservable.

As of December 31, 2019 and 2018, quantified information of significant unobservable inputs was as follows:

_	Valuation	Significant unobservable	between significant unobservable inputs and fair value
Items	techniques	inputs	measurement
Financial assets measured at fair value through profit or loss- equity investments without an active market	Comparable listed company approach	Lack of marketability discount rate (30% on December 31, 2019 and 2018,)	The higher the lack of marketability discount is, the lower the fair value will be.
Financial assets measured at fair value through other comprehensive income -equity investments without an active market	Comparable listed company approach	Lack of marketability discount rate (30% on December 31, 2019 and 2018,)	The higher the lack-of- marketability discount is, the lower the fair value will be.

6) Fair value measurements in Level 3 – sensitivity analysis reasonably possible alternative assumptions

The fair value measurements of the Group's financial instruments are reasonable. However, change in the use of valuation models or variables may affect the estimations. For fair value measurements in Level 3, the information of changes in the use of valuation variable was as follows:

		Fair		Fair value change in profit or loss		Fair value change in other comprehensive income	
	Inputs	(decrease)	_	Favorable	Unfavorable	Favorable	Unfavorable
December 31, 2019							
Financial assets at fair value through profit or loss							
Equity investment without an active market	Marketability discount yield to 30%	10%	\$	4,551	(4,551)	-	-
Financial assets at fair value through other comprehensive income							
Equity investment without an active market	Marketability discount yield to 30%	10%		-	-	10,699	(10,699)
December 31, 2018							
Financial assets at fair value through profit or loss							
Equity investment without an active market	Marketability discount yield to 30%	10%	\$	5,323	(5,323)	-	-
Financial assets at fair value through other comprehensive income							
Equity investment without an active market	Marketability discount yield to 30%	10%		-	-	13,260	(13,260)

Inter-relationship

The favorable and unfavorable effects represent the changes in fair value, and fair value is based on a variety of unobservable inputs calculated using a valuation technique.

(ab) Financial risk management

(i) Overview

The Group have exposures to the following risks from its financial instruments:

- 1) Credit risk
- 2) Liquidity risk
- 3) Market risk

The Group's risk management objective, policies, and procedures, and the exposure risk arising from the aforementioned risks, are disclosed below. For more quantitative information, please refer to other notes of the financial statements.

(ii) Risk management framework

The board of directors has the overall responsibility for the establishment and oversight of the risk management framework.

The Group's risk management policies are established to identity and analyze the risks faced by the Group, to set appropriate risk limits and controls, and to monitor risks and adherence to limits. Risk management policies and systems are reviewed regularly to reflect changes in market conditions and the Group's activities. The Group, through its training and management standards and procedures, aims to develop a disciplined and constructive control environment in which all employees understand their roles and obligations.

The Group's Audit committee oversees how the management complies in monitoring the Group's risk management policies and procedures, and reviews the adequacy of the risk management framework in relation to the risks faced by the Group. Internal auditors undertake both regular and ad hoc reviews of risk management controls and procedures and exception management, the results of which are reported to the Audit committee.

(iii) Credit risk

The Group's credit risk is the risk of financial loss when a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from accounts receivable and bank deposit.

1) Accounts receivable and other receivables

The Group's exposure credit risk is influenced by the individual characteristics of each customer. The Group continuously monitors the information concerning client credit risk factors, such as the default risk of the industries and countries in which the customers operate.

According to the credit policy, the Group has to evaluate the credit of each new customer before setting the payment and delivery terms. The evaluations include external credit ratings, if available, and bank references. The Group reviews credit limits periodically and required customers to pay in advance when the customers' credit ratings did not meet the benchmark.

If necessary, the Group also factors parts of accounts receivable to financial institutions without recourse to reduce the credit risk.

2) Deposits and other financial assets

The exposure to credit risk for the bank deposits and other financial instruments is measured and monitored by the Group's finance department. The Group only deals with banks with good credit rating. The Group does not expect any counterparty above fails to meet its obligations. Hence, there is no significant credit risk arising from these counterparties.

(iv) Liquidity risk

Liquidity risk is the risk that the Group is unable to meet the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset. The Group's approach to managing liquidity is to ensure, as much as possible, that it always has sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Group's reputation.

As of December 31, 2019 and 2018, unused credit lines approximated to \$4,341,399 and \$6,085,971, respectively.

(v) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates and interest rates, will affect the Group's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return.

1) Currency risk

The Group is exposed to currency risk on sales, purchases, and borrowings that are denominated in another currency. Functional currency is TWD. The currencies used in these transactions are the TWD, USD, HKD, JPY and EUR.

Generally, borrowings and purchasing are denominated in currencies that match the cash flows generated by the underlying operations of the Group as same as USD, HKD, JPY and EUR. This provides an economic hedge without derivatives being entered into, and therefore, hedge accounting is not applied in these circumstances.

2) Interest risk

To reduce the exposure to interest rate risk, the choice of a floating interest rate or a fixed interest rate was based on the Group's evaluation of the global economic environment and the trend in market interest rates.

3) Market price risk of equity instruments

Part of the Group's equity securities are classified as financial assets measured at fair value through profit or loss and financial assets measured at fair value through other comprehensive income. These assets are measured at fair value. Therefore, the Group will be exposed to the risk of changes in the value of the equity securities market.

(ac) Capital management

The Group sets its objectives for managing capital to ensure its capacity to continue to operate, to continue to provide returns to its shareholders and other related parties, and to maintain an optimal capital structure to reduce the cost of capital.

In order to maintain or adjust the capital structure, the Group may adjust the dividend payment and reduce the capital for redistribution to its shareholders. The Group also issues new shares or sell assets to settle any liabilities.

The Group and other entities in the similar industry use the debt-to-equity ratio in calculating. The total net debt and divided by the total capital. The net debt from the consolidated balance sheet are derived from the total liabilities, less, cash and cash equivalents. The total capital and equity include share capital, capital surplus, retained earnings, other equity and non-controlling interests, plus, net debt.

In 2019, the Group's capital management strategy is consistent with the prior year. The Group's debtto-equity ratio at the end of the reporting period as of December 31, 2019 and 2018, was as follows:

	D	ecember 31, 2019	December 31, 2018	
Total liabilities	\$	4,393,440	4,133,061	
Less: cash and cash equivalents		639,066	668,021	
Net debt		3,754,374	3,465,040	
Total equity		7,909,887	7,287,315	
Capital after adjustment	\$	11,664,261	10,752,355	
Debt-to-equity ratio		32.19%	32.23%	

(ad) Investing and financing activities not affecting current cash flow

Reconciliation of liabilities arising from financing activities of the Group were as follows:

	J	anuary 1, 2019	Cash flows	<u>Non-cash changes</u> Amortized interest	December 31, 2019
Short-term borrowings	\$	934,907	110,136	-	1,045,043
Short-term notes and bills payable Lease liabilities		1,599,565	94,078	12,295	1,705,938
(including current		278,416	(15,568)	-	262,848
portion)					
Guarantee deposit received (including					
other payables \$1,484)		3,469	1,621		5,090
Total liabilities from	•	0.016.055	100 2/7	12 205	2 010 010
financing activities	\$_	2,816,357	<u> 190,267</u>	12,295	3,018,919
				Non-cash changes	
	J	anuary 1,		Amortized	December 31,
		2018	Cash flows	interest	2018
Short-term borrowings	\$	1,099,546	(164,639)	-	934,907
Short-term notes and bills payable		1,699,794	(110,856)	10,627	1,599,565
Guarantee deposit received (including other payables \$743) Total liabilities from		5,280	(1,811)		3,469
financing activities	\$	2,804,620	(277,306)	10,627	2,537,941

(7) Transaction with related parties:

(a) Names and relationship with related parties

The followings are related parties that have had transactions with the Group during the periods covered in the consolidated financial statements:

Name of related party	Relationship with the Group
Chung-Tai Technology Development Engineering Corporation	An associate
National Ship Demolition Co., Ltd.	Controlled by key management personnel of the Group (Note)
Taiwan Times Co., Ltd.	Controlled by key management personnel of the Group (Note)
Mei Da Co., Ltd.	Controlled by key management personnel of the Group (Note)

(Note) Summarized as other related parties.

(b) Significant transactions with related parties

(i) Purchases and cost of construction

The amounts of significant purchases and costs of construction by the Group from related parties were as follows:

	2019	2018
Associate	\$ -	430
Other related parties	 9	9
-	\$ 9	439

The prices for purchases and costs of construction from related parties have not comparison with whose purchase from third-party vendors. Payment terms with related parties were 1 to 3 months.

(ii) Payables to related parties

The payables to related parties are as follows:

Account	Relationship	De	cember 31, 2019	December 31, 2018
Notes payable	Associate	\$	-	40
Accounts payable	Associate		-	390
Accounts payable	Other related parties		105	105
		\$	105	535

(iii) Leases

Rental income is from office premises leased to other related parties. The above rental income was collected monthly or in advance. The price is decided by using the nearby office rental rates and by negotiating with each other. Rental incomes in 2019 and 2018 were both \$168, and were included in other income of non-operating income and expenses in the consolidated statements of comprehensive income.

As of December 31, 2019 and 2018, the receivables from above transaction were settled in full.

(iv) Others

The amounts of advertising expense incurred by other related parties amounted to \$104 and \$100 in 2019 and 2018, respectively, which were included in operating expenses in consolidated statements of comprehensive income.

(c) Key management personnel compensation

Key management personnel compensation comprised:

	2019	2018
Short-term employee benefits	\$ 21,226	18,471
Post-employment benefits	487	503
Termination benefits	-	-
Other long-term benefits	-	-
Share-based payments	 	_
	\$ 21,713	18,974

(8) Pledged assets: None.

(9) Commitments and contingencies:

Major commitments and contingencies were as follows:

(i) Unrecognized contingencies of contracts:

		_	December 31, 2019	December 31, 2018
	Acquisition of property, plant and equipment	\$_	205,883	19,316
(ii)	Unused standby letters of credit:	_		
			December 31, 2019	December 31, 2018
	Purchase of material	\$	511,437	373,766

(10) Losses due to major disasters: None.

(11) Significant subsequent events: None.

(12) Other:

The employee benefits, depreciation, and amortization expenses, categorized by function, were as follows:

By function		2019		2018				
By item	Operating costs	Operating expenses	Total	Operating costs	Operating expenses	Total		
Employee benefits								
Salary and wages	321,392	64,315	385,707	310,629	59,222	369,851		
Labor and health insurance	35,608	7,867	43,475	34,618	7,646	42,264		
Pension	16,902	4,312	21,214	17,560	4,250	21,810		
Remuneration of directors	-	5,578	5,578	-	2,449	2,449		
Other personnel costs	18,239	9,925	28,164	18,539	10,426	28,965		
Depreciation	150,725	3,130	153,855	136,332	3,654	139,986		
Amortization	-	-	-	10	20	30		

71

(Continued)

(13) Other disclosures

(a) Information on significant transactions:

The following is the information on significant transactions required by the "Regulations Governing the Preparation of Financial Reports by Securities Issuers" for the Group for the years ended December 31, 2019.

- (i) Loans to other parties: None.
- (ii) Guarantees and endorsements for other parties: None.
- (iii) Securities held as of December 31, 2019 (excluding investment in subsidiaries, associates and joint ventures):

				Ending balance			Highest percent: during	age of ownership the year		
Name of holder	Category and name of security	Relationship with the Company	Account title	Units (shares)	Carrying value	Percentage of ownership (%)	Fair value	Units (shares)	Percentage of ownership (%)	Note
The Company	China Ecotek Corporation stock	The Company is a director of the investee	Current financial assets at fair value through profit or	11,843,730	415,715	9,57 %	415,715	11,843,730	9.57 %	Tiole
1 2	1	1 5	loss	,	- ,			,,		
The Company	Wafer Works Corporation stock	The Company is a director of the investee	Current financial assets at fair value through profit or	4,493,217	163,329	0.88 %	163,329	4,493,217	0.88 %	
The Commonly	Raydium Semi-conductor Corporation stock		loss Current financial assets at fair value through profit or	1,470,000	149.087	2.19 %	149.087	1,470,000	2.19 %	
The Company	Raydium Semi-conductor Corporation stock	-	loss	1,470,000	149,087	2.19 70	149,087	1,470,000	2.19 70	
First Copper Technology Co., Ltd.	Asia Pacific Telecom Co., Ltd. stock	The Company is a director of the investee	Current financial assets at fair value through profit or	10,105,441	116,098	0.26 %	116,098	15,418,000	0.36 %	
			loss							
First Copper Technology Co., Ltd.	Co-Tech Development Corp. stock	The Company is a director of the investee	Current financial assets at fair value through profit or	2,230,375	94,902	0.88 %	94,902	2,230,375	0.88 %	
The Company	Asia Pacific Telecom Co., Ltd. stock	The Company is a director of the investee	Non-current financial assets at fair value through profit	89,087,877	1,023,496	2.33 %	1,023,496	135,922,500	3.16 %	
			or loss	1 2 2 5 5 5 5	05.150		0.5.4.50			
The Company	Savior Lifetec Corporation stock	The Company is a director of the investee	Non-current financial assets at fair value through profit or loss	4,335,750	95,170	1.62 %	95,170	4,335,750	1.62 %	
The Company	Bionime Corporation stock	The Company is a director of the investee	Non-current financial assets at fair value through profit	7,807,900	628,536	13.09 %	628,536	7,807,900	13.09 %	
			or loss							
The Company	Co-Tech Development Corp. stock	The Company is a director of the investee	Non-current financial assets at fair value through profit or loss	7,812,375	332,417	3.09 %	332,417	7,812,375	3.09 %	
The Company	Pixon Technologies Corporation stock	The Company is a director of the investee	or loss Non-current financial assets at fair value through profit	3,811,200	111.706	19.96 %	111,706	3,811,200	19.96 %	
		1 2	or loss		,		,			
The Company	Liyu Technology Co., Ltd. stock	-	Non-current financial assets at fair value through profit or loss	4,500,000	31,860	7.73 %	31,860	4,500,000	7.73 %	
The Company	International United Technology Co., Ltd. stock	The Company is a director of the investee	Non-current financial assets at fair value through	987,354	6,368	6.04 %	6,368	1,917,194	9.54 %	
		1 5	comprehensive income	, í	ŕ		- ,			
The Company	Pack & Proper Co., Ltd. stock	The Company is a director of the investee	Non-current financial assets at fair value through	2,466,288	19,040	4.78 %	19,040	2,466,288	4.78 %	
The Company	Global Securities Finance Corporation stock	_	comprehensive income Non-current financial assets at fair value through	2,102,512	9,819	0.53 %	9,819	2,102,512	0.53 %	
1 5	1		comprehensive income	, . ,-	.,			· · ·		
The Company	United Electronics Industrial Co., Ltd. stock	-	Non-current financial assets at fair value through	1,615,732	9,403	2.77 %	9,403	1,615,732	2.77 %	
First Conner Technology Co. 1 td	Hua Eng Wire & Cable Co., Ltd. stock	The Company	comprehensive income Non-current financial assets at fair value through	208,563,824	2,075,210	32.96 %	2,075,210	208,563,824	32.96 %	(Note)
First Copper Technology Co., Ltd.	rua Eng whe & Cable Co., Ltd. stock	The Company	comprehensive income	206,505,824	2,075,210	32.96 %	2,075,210	200,303,824	32.96 %	(inote)
First Copper Technology Co., Ltd.	Global Securities Finance Corporation stock	· ·	Non-current financial assets at fair value through	700,837	3,273	0.18 %	3,273	700,837	0.18 %	
			comprehensive income							
The Company	Taiwan Sugar Corporation stock	-	Non-current financial assets at fair value through comprehensive income	457,087	26,692	0.01 %	26,692	457,087	0.01 %	
The Company	Illchi United Trade Corporation stock	The Company is a director of the investee	Non-current financial assets at fair value through	30,000	300	6.67 %	300	30.000	6.67 %	
			comprehensive income	50,000	200	0.07 /0	500	50,000	0.07 / 0	

Note: It was eliminated in the consolidation.

(iv) Individual securities acquired or disposed of with accumulated amount exceeding the lower of NT\$300 million or 20% of the capital stock: None.

(v) Acquisition of individual real estate with amount exceeding the lower of NT\$300 million or 20% of the capital stock: None.

(vi) Disposal of individual real estate with amount exceeding the lower of NT\$300 million or 20% of the capital stock: None.

(vii) Related-party transactions for purchases and sales with amounts exceeding the lower of NT\$100 million or 20% of the capital stock: None.

(viii) Receivables from related parties with amounts exceeding the lower of NT\$100 million or 20% of the capital stock: None.

- (ix) Trading in derivative instruments: None.
- (x) Business relationships and significant intercompany transactions:

				Intercompany transactions						
No.	Name of company	Name of counter-party	Nature of relationship	Account name	Amount	Trading terms	Percentage of the consolidated net revenue or total assets			
0	The Company	First Copper Technology Co., Ltd.	1	Operating revenue	44,227	(Note 1)	0.56 %			
				Accounts receivable	5,384		0.04 %			
0	The Company	First Copper Technology Co., Ltd.	1	Purchases	10,810	(Note 2)	0.14 %			
				Accounts payable	100		-			
0	The Company	First Copper Technology Co., Ltd.	1	Reduction of operating expense- management service	19,200	No other trading terms for comparison	0.25 %			
0	The Company	First Copper Technology Co., Ltd.	1	Rental income	240	No other trading terms for comparison	-			
0	The Company	Hua Ho Engineering Co., Ltd.	1	Operating revenue	2,304	No transactions with third parties for comparison	0.03 %			
	1 2			Accounts receivable	2,419		0.02 %			
0	The Company	Hua Ho Engineering Co., Ltd.	1	Construction costs	44,745	No transactions with third parties for comparison	0.57 %			
	1 2			Accounts payable	51,316		0.42 %			
0	The Company	Hua Ho Engineering Co., Ltd.	1	Reduction of operating expense- management service	1,440	No other trading terms for comparison	0.02 %			
0	The Company	Hua Ho Engineering Co., Ltd.	1	Rental income	1,052	No other trading terms for comparison	0.01 %			

Note 1: The prices of those sales could not be compared to those of the third-parties customers. The prices of other sales were not significantly different from third-parties customers. The credit terms with other customers are from one to three months.

Note 2: The prices of those purchases could not be compared to those of the third-parties suppliers. The prices of other purchases were not significantly different from third-parties suppliers. The payment terms with other suppliers are from one to three months.

(b) Information on investees:

The following is the information on investees for the year 2019 (excluding information on investees in Mainland China):

Name of	Name of		Main business	Original inves	tment amount	I	Balance as of December 31, 2019		Net income	Share of profits	
investor	investee	Location	and products	December 31, 2019	December 31, 2018	Shares	Percentage of ownership	Carrying value	(losses) of investee	/losses of investee	Note
The Company	First Copper Technology Co., Ltd. (Note)	Kaohsiung	Manufacturing of copper plate	1,401,129	1,318,866	141,818,196	39.44 %	540,029	(99,342)	(38,455)	Subsidiary Company
The Company	Hua Ho Engineering Co., Ltd. (Note)	Kaohsiung	Cable engineering	17,195	17,195	1,726,000	49.31 %	16,501	1,295		Subsidiary Company
The Company	Chung-Tai Technology Development Engineering Corporation	New Taipei City	Telecommunication engineering	92,000	92,000	2,300,000	23.00 %	12,676	(5,194)		The Company exercises significant influence
First Copper Technology Co., Ltd.	Hua Ho Engineering Co., Ltd. (Note)	Kaohsiung	Cable engineering	165	165	10,000	0.29 %	97	1,295		Subsidiary Company

Note: It was eliminated in the consolidation.

(c) Information on investment in Mainland China: None.

(14) Segment information:

(a) General Information

The Group has three reportable segments: Wire segment, Cable segment and Copper segment. Wire segment produces products such as oxygen free copper wire. Cable segment produces power cable, communication cable and optical fiber cable; Copper Segment produces copper plate. The reportable segments are the Group's strategic divisions. They offer different products and services, and are managed separately because they require different technology and marketing strategies. Most of the strategic divisions were acquired separately.

The Group's other reportable segments are mainly engaged in project contracting and material trading. The above segments did not meet the quantitative thresholds; therefore, were classified as other segments.

The operating segment accounting policies are similar to those described in note 4 significant accounting policies. The Group's operating segment measured by the operating profit before income tax and make a performance evaluation.

(b) Information about reportable segments and their measurement and reconciliation

The Group's operating segment information and reconciliation are as follows:

	_	2019							
	_	Wire segment	Cable segment	Copper segment	other segment	Reconciliation and eliminations	Total		
Revenue:									
Revenue from external customers	\$	1,989,263	2,891,523	2,534,133	417,698	-	7,832,617		
Intersegment sales	_	-	46,526	10,810	44,750	(102,086)			
Total revenue	\$_	1,989,263	2,938,049	2,544,943	462,448	(102,086)	7,832,617		
Reportable segment profit or loss	\$_	22,199	239,071	(91,607)	12,904	481,257	663,824		
Reportable segment assets	\$_					12,303,327	12,303,327		

	_	2018							
	_	Wire segment	Cable segment	Copper segment	other segment	Reconciliation and _eliminations_	Total		
Revenue:									
Revenue from external customers	\$	2,276,315	2,965,836	3,101,285	216,657	-	8,560,093		
Intersegment sales	_	891	70,603	7,410	35,939	(114,843)			
Total revenue	\$_	2,277,206	3,036,439	3,108,695	252,596	(114,843)	8,560,093		
Reportable segment profit or loss	\$_	31,689	301,025	43,966	17,611	(940,542)	(546,251)		
Reportable segment assets	\$_					11,420,376	11,420,376		

(c) Product and service information

Revenue from the external customers of the Group were as follows:

Product and services		2018	
Copper wire	\$	1,804,959	2,008,674
Cable		2,687,326	2,803,675
Copper plate		2,245,891	2,821,948
Processing revenue		122,835	132,273
Construction revenue		375,099	185,859
Others		596,507	607,664
Total	\$	7,832,617	8,560,093

(d) Geographic information

In presenting information on the basis of geography, revenue is based on the geographical location of customers and non-current assets are based on the geographical location of the assets.

Geographic information	 2019	2018
Revenue from the external customers:		
Taiwan	\$ 6,322,900	6,671,225
Mainland China	840,826	1,142,288
Japan	381,580	354,476
Other countries	 287,311	392,104
Total	\$ 7,832,617	8,560,093
Non-current assets:		
Taiwan	\$ 4,474,043	4,138,261

Non-current assets included property, plant and equipment, investment property, intangible assets, prepayments for equipment, long-term prepaid rents, right-of-use asset and other assets not including financial instruments and deferred tax assets.

(e) Information on major customers

The sales to individual customers that constituted 10% or more of the Group's net consolidated sales were as follows:

	2019		2018	
		% of net consolidated		% of net consolidated
Customer	Amount	sales	Amount	sales
A	\$ <u>1,241,787</u>	15.85 %	841,789	9.83 %