



# 2023 Investor Conference

Nov. 16, 2023

HOCHENG CORPORATION

Reporter : Dr. Shih-Chieh Chen, President

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# Part I

## Corporate Profile

HOCHENG CORPORATION

**Founded: Dec. 09, 1961**

**Listed in TWSE : Oct. 14, 1991**

**Paid- in capital : NT\$3,032,000,000**

**Total Group Employee Count : 1,946**

**Main products: Sanitary Wares**

**Headquarter: No.135, Houzhuang St., Bade Dist.,Taoyuan City 334, Taiwan.R.O.C.**

**Commercial production base : Taoyuan, Taiwan / Yingge, Taiwan / Jiangsu, China  
/ Manila, Philippines**

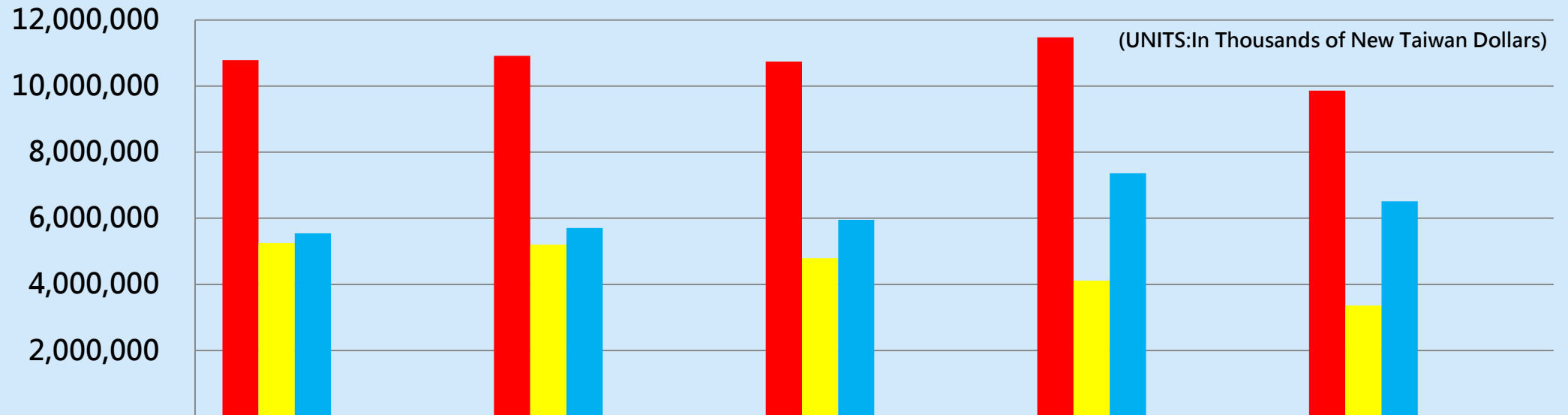


## Part II

# Financial Results

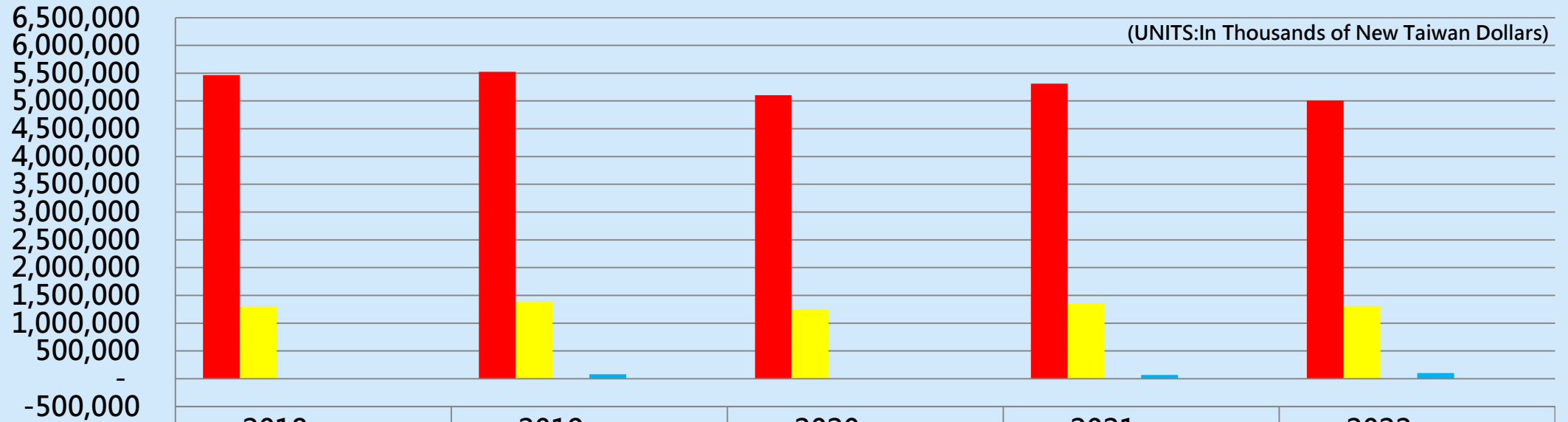
HOCHENG CORPORATION

## Consolidated balance sheet of past five years



|                            | 2018 years | 2019 years | 2020 years | 2021 years | 2022 years |
|----------------------------|------------|------------|------------|------------|------------|
| Total assets               | 10,786,249 | 10,913,518 | 10,738,661 | 11,470,876 | 9,864,188  |
| Total liabilities          | 5,244,197  | 5,207,008  | 4,787,079  | 4,111,581  | 3,355,496  |
| Total stockholder's equity | 5,542,052  | 5,706,510  | 5,951,582  | 7,359,295  | 6,508,692  |
| Net value                  | 15.06      | 15.50      | 16.17      | 19.99      | 18.76      |
| ROA                        | -0.15      | 0.92       | 1.28       | 16.12      | 1.86       |
| ROE                        | -1.36      | 0.64       | 1.36       | 26.23      | 2.28       |

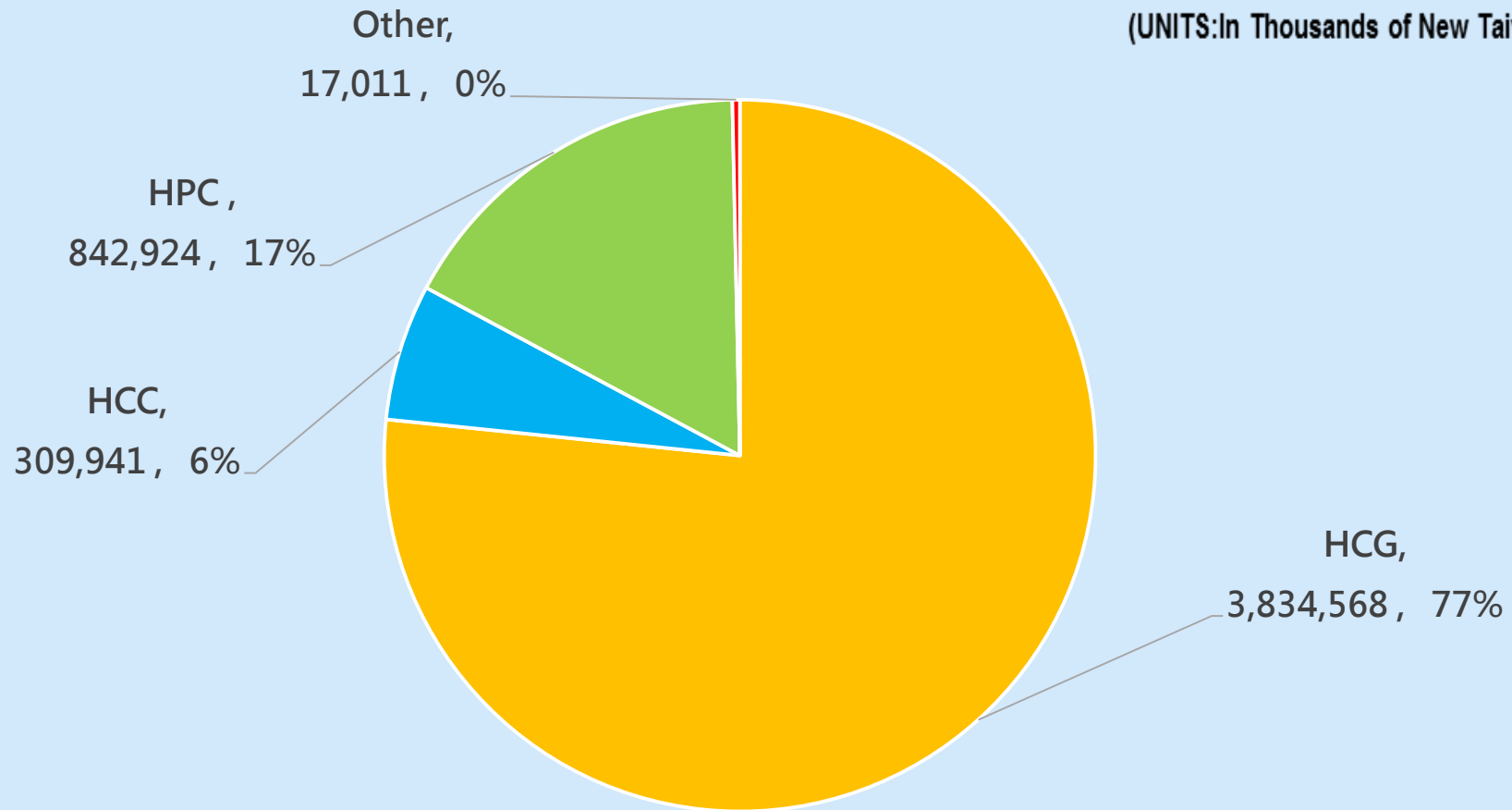
## Consolidated comprehensive income statements of past five years



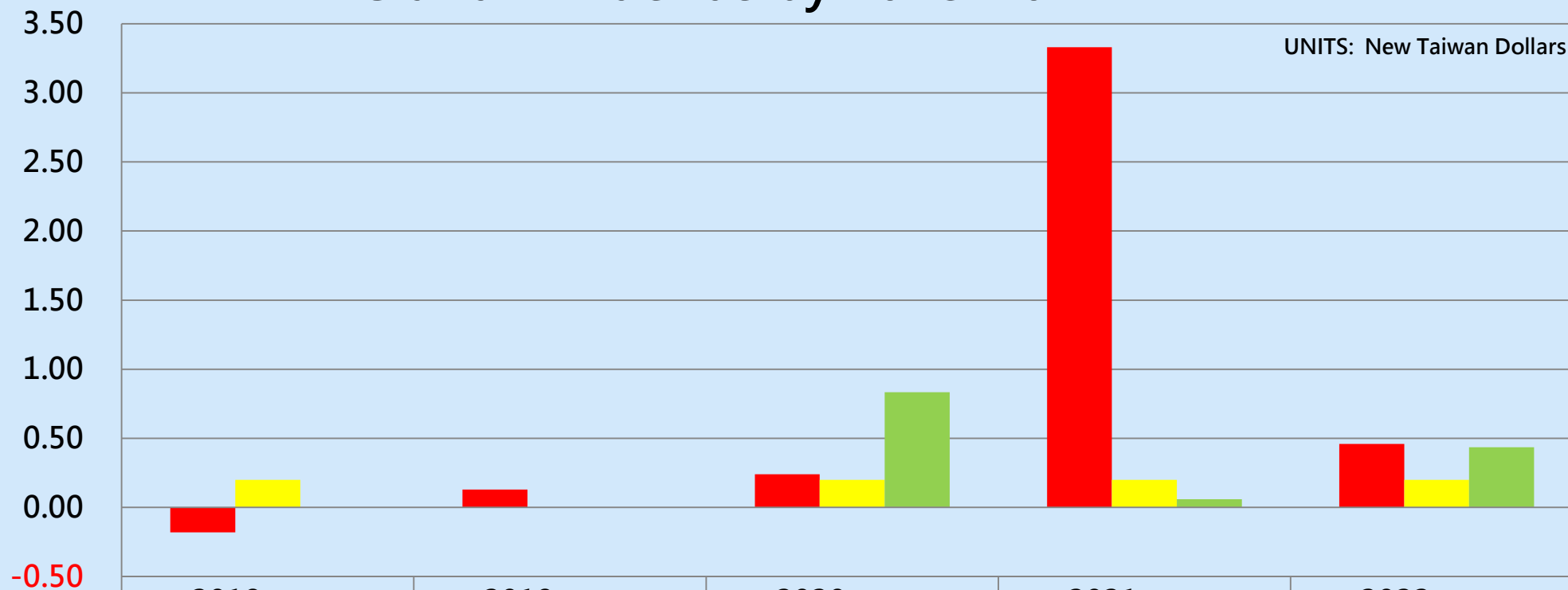
|                      |           |           |           |           |           |
|----------------------|-----------|-----------|-----------|-----------|-----------|
| ■ Revenue            | 5,466,174 | 5,526,252 | 5,102,207 | 5,313,319 | 5,004,444 |
| ■ Gross profit       | 1,303,457 | 1,388,507 | 1,254,786 | 1,357,367 | 1,308,655 |
| ■ Gross margin       | 23.85%    | 25.13%    | 24.59%    | 25.55%    | 26.15%    |
| ■ Pretax income      | 2,011     | 78,837    | 185       | 66,675    | 102,533   |
| ■ Pretax margin      | 0.04%     | 1.43%     | 0.00%     | 1.25%     | 2.05%     |
| ■ Earnings Per Share | -0.18     | 0.13      | 0.24      | 3.33      | 0.46      |

## YT4Q22 Sales Revenue

(UNITS:In Thousands of New Taiwan Dollars)



## EPS and Dividends by 2018-2022



|                  | 2018 years | 2019 years | 2020 years | 2021 years | 2022 years |
|------------------|------------|------------|------------|------------|------------|
| ■ EPS            | -0.18      | 0.13       | 0.24       | 3.33       | 0.46       |
| ■ Cash Dividends | 0.20       | 0.00       | 0.20       | 0.20       | 0.20       |
| ■ Payout Ratio   | 0.00%      | 0.00%      | 83.33%     | 6.01%      | 43.48%     |

## Consolidated Balance Sheet for The Third Quarter, 2023□

| ( NT\$Thousand )          | YT3Q23            | YT4Q22           | Difference      |
|---------------------------|-------------------|------------------|-----------------|
| Current assets            | 4,985,368         | 4,245,339        | 17.43%          |
| Noncurrent assets         | 5,680,847         | 5,618,849        | 1.10%           |
| <b>Total Assets</b>       | <b>10,666,215</b> | <b>9,864,188</b> | <b>8.13%</b>    |
| Current liabilities       | 3,132,576         | 2,477,584        | 26.44%          |
| Noncurrent liabilities    | 880,679           | 877,912          | 0.32%           |
| <b>Total Liabilities</b>  | <b>4,013,255</b>  | <b>3,355,496</b> | <b>19.60%</b>   |
| Share capitals            | 3,023,037         | 3,032,800        | -0.32%          |
| Capital surplus           | 16,304            | 15,223           | 7.10%           |
| Retained earnings         | 2,973,246         | 3,036,828        | -2.09%          |
| Other equity              | 588,172           | 376,639          | 56.16%          |
| Treasury shares           | -4,781            | -13,461          | 64.48%          |
| non-controlling interest  | 56,982            | 60,663           | -6.07%          |
| <b>Total Equity</b>       | <b>6,652,960</b>  | <b>6,508,692</b> | <b>2.22%</b>    |
| <b>Basic EPS ( NT\$ )</b> | <b>-0.06</b>      | <b>0.46</b>      | <b>-113.04%</b> |
| <b>ROA(%)</b>             | <b>0.17</b>       | <b>1.86</b>      |                 |
| <b>ROE(%)</b>             | <b>-0.24</b>      | <b>2.28</b>      |                 |

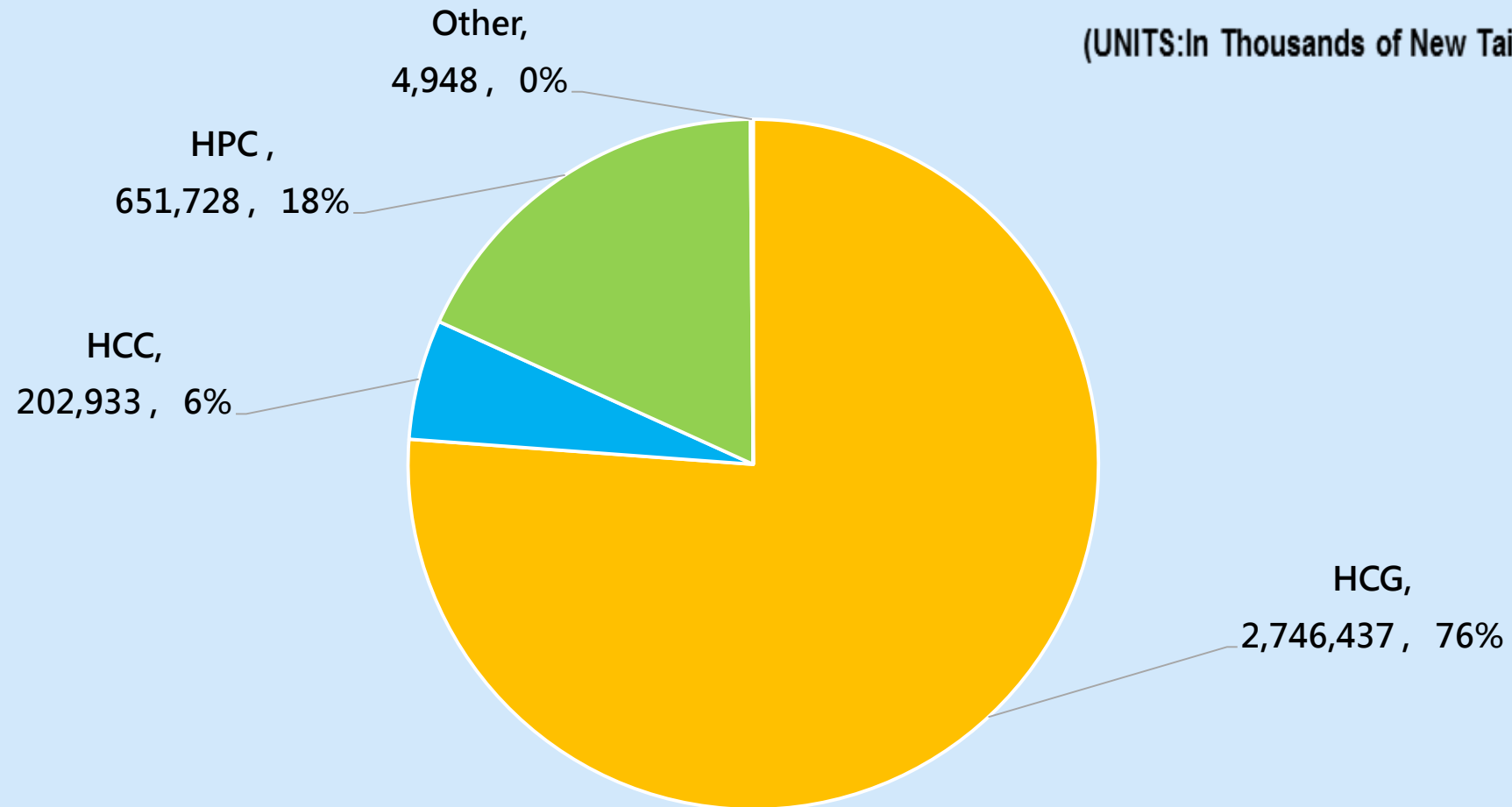
## Consolidated Comprehensive Income For The Period Ended September 30,2023

| ( NT\$thousand )                 | YT3Q23    | YT3Q22    | YoY      |
|----------------------------------|-----------|-----------|----------|
| Revenue                          | 3,606,046 | 3,764,328 | -4.20%   |
| COGS                             | 2,740,581 | 2,785,978 | -1.63%   |
| Gross profit                     | 865,465   | 978,350   | -11.54%  |
| Gross margin                     | 24.00%    | 25.99%    | 99bps    |
| Operation expenses               | 896,645   | 866,118   | 3.52%    |
| OpExp/revenue                    | 24.87%    | 23.01%    | 186bps   |
| Operation income                 | -31,180   | 112,232   | 127.78%  |
| Operation margin                 | -0.86%    | 2.98%     | -384bps  |
| Non-operating income             | 42,548    | 127,720   | -66.69%  |
| Pretax income                    | 11,368    | 239,952   | -95.26%  |
| Pretax margin                    | 0.32%     | 6.37%     | -605bps  |
| Income taxes                     | 27,159    | 86,924    | -68.76%  |
| Provision for taxes              | 0.75%     | 2.31%     | -156bps  |
| Net income attributable to paren | -17,681   | 152,929   | -111.56% |
| Net margin                       | -0.49%    | 4.06%     | -455bps  |
| Basi EPS ( NT\$ )                | -0.06     | 0.43      | -113.95% |
| Diluted EPS ( NT\$ )             | -0.06     | 0.42      | -114.29% |

YT3Q23 revenue totaled NT\$3,606 million, decreasing by 4.20% YoY. Net loss attributable to parent was NT\$17.68 million decreasing by 111.56% YoY. EPS was NT\$(0.06), decreasing by 113.95% YoY.

## YT3Q23 Sales Revenue

(UNITS:In Thousands of New Taiwan Dollars)



## Part III

# Sustainable Development

HOCHENG CORPORATION

## ESG Sustainability Report

金融監督管理委員會  
Financial Supervisory Commission R.O.C. (Taiwan)

【ESG Sustainability Report has been submitted and announced on the HCG official website as of September 8, 2023】



2022年

## ESG永續報告書



和成欣業股份有限公司

## 董事長的話

Message From The Chairman

2022年，全球經濟環境因疫情減緩及貨幣寬鬆而有復甦景象，但相對卻因貨幣寬鬆及俄烏戰爭爆發之衝擊，造成全面性的通貨膨脹。各國央行為避免通膨影響經濟消費及人民生活，進而採行升息及緊縮貨幣之政策，更讓各國經濟前景蒙上衰退之陰影。

環顧內外局勢之急速變動，在國際情勢上有俄烏戰爭、美中持續衝突等，地緣政治之衝擊。而於國內總體經濟能上，因疫情尚未解封、央行升息、股市下挫、台幣貶值及政府政策等，影響，造成房地產交易買方觀望氣氛濃厚，未來前景不佳之現象發生，讓其交易量能急速萎縮，預期總體建築市場短期不易回升。綜合上述因素，皆衝擊到國內建築市場之建築推案量(預售屋市場)之延展與信心不足之交易萎縮，恐造成整體衛浴產業之市場交易量驟減之危機，更應戒慎小心因應，故和成欣業來年發展重點方向如下：

## 一、銷售通路整合開發

近兩年房價因受人工及原物料漲價影響，不斷上漲，但下半年升息，逐步影響民眾購屋意願，平均地權修法排入立法審議，若通過將影響預售屋銷售速度。和成欣業於新屋銷售市場佔有率極高，將面臨預售屋市場萎縮及未來銷售量之萎縮窘境，均應全面性及早因應，並整合不同通路、調整分配，以提升整體業績。

## 二、新產品及技術開發

和成欣業近年推出高芬系列、LAZULI W碳纖維鞋襪都獲得精品獎的肯定，未來更應依消費市場需求，不斷開發新產品。近年開發科技陶瓷、複合材料、電動曬衣機等產品，不僅已有實際業績，且累積許多獨特技術，後續更會善用及精進這些技術，開發更多不同產業使用產品，讓市場有更好的使用選擇。

## 三、供應鏈調整整合

新冠疫情及美中貿易衝突，全球化的供應鏈危機頻傳，供應鏈不在如預期穩定，從原料、零組件到成品，均應完成因應方式，超前準備，有效避免供應鏈中斷或延遲造成營運重大損失。

## 四、邁向ESG永續發展目標

和成欣業於111年度完成首次【永續報告書】之官網揭露，在在顯示和成欣業在環境面、社會面及公司治理上有相當的努力及精進。未來更會落實環境保護，善盡對利害關係人的責任，堅持與地球共生、與人類共享、與社會共利的企業文化思維，積極改善不足項目，符合節能減碳的環保規範，善盡和成欣業對社會的責任。

## 計畫線

今年適逢和成欣業91歲生日，為感謝過去疫情期間醫護人員的犧牲及辛勞，和成欣業舉辦了台灣民謠音樂會以慰勞醫護人員。售票所得並捐給醫護相關團體，希望為醫護人員加油，也能推廣台灣民謠文化，為台灣文化發展盡一份心力。和成欣業正朝向百年企業邁進，期許所有利害關係人繼續與和成欣業共同努力，堅持永續發展之理念，勇敢面對不確定的挑戰，以因應未來諸多變化的發展趨勢，讓和成欣業成為永續發展的長青企業。

和成欣業股份有限公司 邱立堅



董事長的話

編輯方針

利害關係人與重大主題鑑別

關於和成欣業

誠信治理

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與重大主題鑑別

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## Greenhouse Gas Inventory



金融監督管理委員會  
Financial Supervisory Commission R.O.C. (Taiwan)

### Taiwan Climate Adaptation Strategy - Target and Regulations Check FSC Officially Launches the 'Sustainable Development Roadmap for Listed Companies' on March 3, 2022

In response to the impact of climate change and global attention to sustainability issues, to assist businesses in our country in early preparations to set their carbon reduction goals, the Financial Supervisory Commission (FSC) held a press conference on January 13, 2022, announcing the phased implementation of the 'Sustainable Development Roadmap for Listed Companies' plan. **It requires all listed companies to complete their greenhouse gas inventory by 2027 and undergo verification of the greenhouse gas inventory by 2029.** The plan is now officially launched."



### 【Group Greenhouse Gas Inventory】

During Execution : From January 1, 2024, to December 1, 2025  
Scheduled Progress :

| 年 份                | 113 年 |     |     |     | 114 年 |     |     |     |
|--------------------|-------|-----|-----|-----|-------|-----|-----|-----|
|                    | 第一季   | 第二季 | 第三季 | 第四季 | 第一季   | 第二季 | 第三季 | 第四季 |
| 計畫啟動與教育訓練          |       |     |     |     |       |     |     |     |
| 協助活動數據收集           |       |     |     |     |       |     |     |     |
| 協助計算組織碳排放量         |       |     |     |     |       |     |     |     |
| 協助產出報告<br>(內部查證演練) |       |     |     |     |       |     |     |     |

### 【Scope of Greenhouse Gas Inventory for HCG Group】

| Item | Department                                            | Address                                                                      | Remark                  |
|------|-------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|
| 1    | Main Office                                           | 1st Floor, No. 398, Xingshan Road, Neihsu District, Taipei City              | (Main Office)           |
| 2    | Yingge Factory (Copperware Production Department)     | No. 1, Bade Road, Yingge District, New Taipei City                           | (Production Department) |
| 3    | Taoyuan Factory (Porcelain Production Department)     | No. 405, Fude 1st Road, Dafa Village, Bade District, Taoyuan City            | (Production Department) |
| 4    | Bade Factory (Advanced Ceramic Production Department) | No. 135, Houzhuang Street, Dafa Village, Bade District, Taoyuan City         | (Production Department) |
| 5    | Taipei Branch Office                                  | No. 105, Binjiang Street, Zhongshan District, Taipei City                    | (Sales Department)      |
| 6    | Keelung Branch Office                                 | No. 4-1, De'an Road, Zhongshan District, Keelung City                        | (Sales Department)      |
| 7    | Taoyuan Branch Office                                 | No. 89, Houzhuang Street, Dafa Village, Bade District, Taoyuan City          | (Sales Department)      |
| 8    | Hsinchu Branch Office                                 | No. 16, Lane 440, Dexing Road, Hukou Township, Hsinchu County                | (Sales Department)      |
| 9    | Miaoli Branch Office                                  | No. 22-9, Shuiliuma, 11th Neighborhood, Shuiyuan Village, Miaoli City        | (Sales Department)      |
| 10   | Taichung Branch Office                                | No. 312, Lane 16, Section 4, Taiwan Boulevard, Xitun District, Taichung City | (Sales Department)      |
| 11   | Chiayi Branch Office                                  | No. 136-20, Cuxi, Shuishang Township, Chiayi County                          | (Sales Department)      |
| 12   | Yilan Branch Office                                   | No. 7, Lane 41, Section 3, Dafu Road, Zhuangwei Township, Yilan County       | (Sales Department)      |
| 13   | Nantou Branch Office                                  | No. 37, Nangang San Road, Xinxing Village, Nantou City                       | (Sales Department)      |
| 14   | HOCENG SERVICE CO.,LTD.                               | B1, No. 26, Section 3, Nanjing East Road, Taipei City                        | (Subsidiary)            |
| 15   | BAOLONG CORPORATION                                   | No. 1, Bade Road, Yingge District, New Taipei City                           | (Subsidiary)            |

## Corporate Social Responsibility(CSR) — 『Mennonite Church Taiwan (Hualien) Happyfarm-Newdawn』



感謝12年來每一位善心人士，用愛澆灌

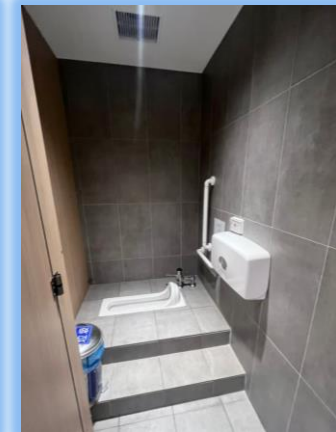
喜樂成家



黎明機構董事長 宋淑蓉  
黎明機構執行長 梁桂花

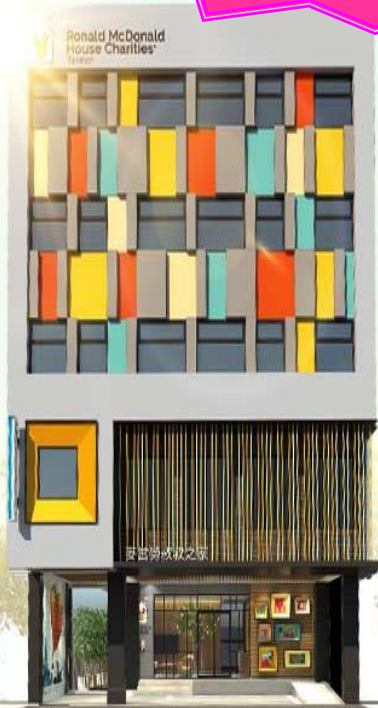


## Corporate Social Responsibility(CSR) — Ronald McDonald House Charities, Taiwan. (Taichung)



## Corporate Social Responsibility(CSR) — Ronald McDonald House Charities, Taiwan. (Kaohsiung)

Construction in Progress



Exterior Conceptual Image of McDonald's Uncle's House in Kaohsiung



## HCG(Taiwan) — Taiwan Exhibition Center (<https://www.hcg.com.tw>)



▲ Taiwan Exhibition Center in Taipei



▲ Taiwan Exhibition Center in HCG 3rd Factory



▲ Taiwan Exhibition Center in Tainan



▲ Taiwan Exhibition Center in Taichung



▲ Taiwan Exhibition Center in HCG 3rd Factory



▲ Taiwan Exhibition Center in Kaohsiung

## HCG(Philippines) — Philippines Flagship Exhibition Center(Manila) (<https://www.hcg.com.ph>)



Grand Opening and Inauguration on Aug. 5, 2023  
([youtube.com/@hcgbathroomfixtures](https://www.youtube.com/@hcgbathroomfixtures))



**HCG(LAZULI)** — Enhancing Overall Service Extension through Classic Selection (<https://www.lazuli.com.tw>)

## Overview of Represented European Classic Bathroom Brands

Roca



Spanish : Roca

Main Product Categories : Bathroom Ceramics, Plumbing Copperware, Enameled Steel Bathtubs, Bathroom Accessories

GEBERIT



Switzerland – GEBERIT

Main Product Categories : Bathroom Ceramics, Concealed Toilet Cisterns, Cistern Components, Building Piping Materials.

KLUDI



Germany - KLUDI

Main Product Category : Plumbing Copperware

BETTE



Germany - BETTE

Main Product Category : Enameled Steel Bathtubs

damixa™



Denmark - damixa

Main Product Category : Plumbing Copperware

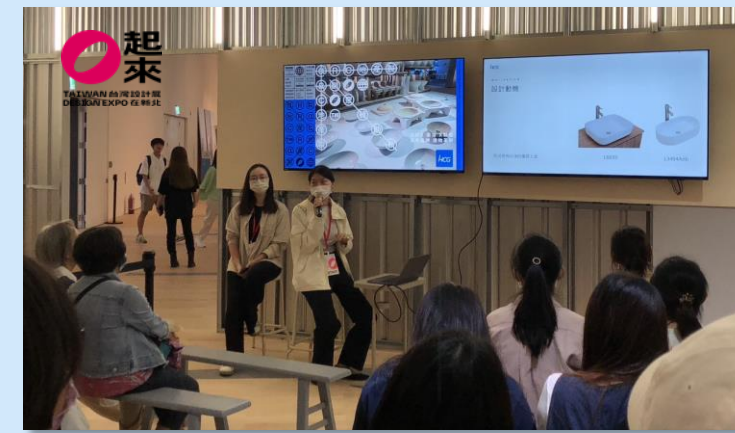
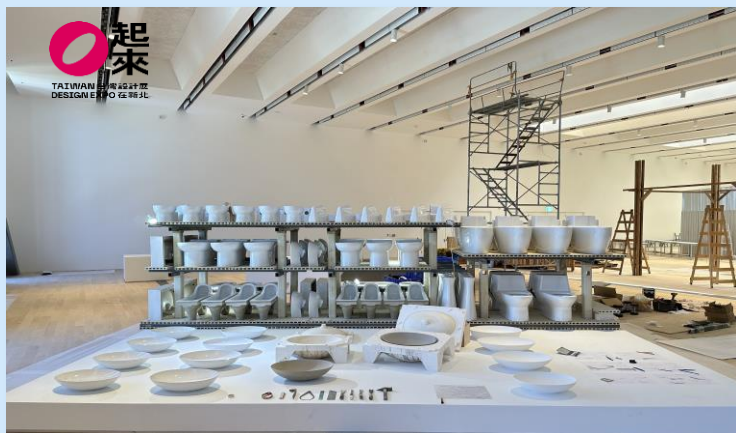
GEBERIT

BETTE



## TAIWAN DESIGN EXPO in New Taipei

Exhibition Period: Oct. 06, 2023 to Oct. 22, 2023



▲ HCG Exhibition Area at the Main Exhibition Hall of New Taipei Art Museum



▲ A city of captivating craftsmanship and design, let's embark on an 'art'-ful journey to discover the evolving Yingge, and delve into a culturally enriching experience.

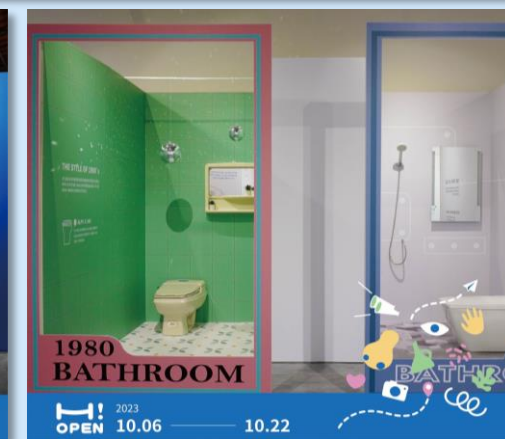
## TAIWAN DESIGN EXPO in New Taipei



Officially opens on Sep. 23, 2023

發現生活的新視野，每天都像開啟旅程般值得期待。  
邀 一起探索，體驗心的美好。

▲ Group photo of all participants at the 『H! OPEN』 Opening Press Conference.



▲ Main Visual of 「H ! OPEN」

## Number of valid patents held by HCG in 2023



## 中華民國專利證書

新型第 M640307 號

新 型 名 稱: 跌倒偵測器

專 利 權 人: 和成欣業股份有限公司

新 型 創 作 人: 劉賢進、賴謝賢

專利權期間: 自 2023 年 4 月 21 日至 2033 年

上開新型業依專利法規定通過形式審查取得專利權  
行使專利權如未提示新型專利技術報告不得進行警告

經濟部智慧財產局 局長

廖承威

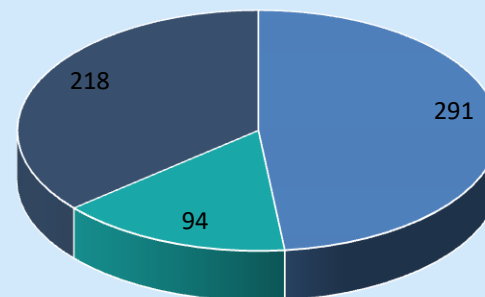
中華民國 112 年 4 月 21 日



注意: 專利權人未依法繳納年費者, 其專利權自原繳費期限屆滿後消滅。

Number of valid patents held  
by HCG in 2023

| Item Order<br>Category | Number of valid<br>patents held by<br>HCG in 2023 |
|------------------------|---------------------------------------------------|
| Utility Patent         | 291                                               |
| Invention Patent       | 94                                                |
| Design Patent          | 218                                               |
| Subtotal               | 603                                               |



■ Utility Patent

■ Invention Patent

■ Design Patent

I773270



(19)中華民國智慧財產局

(12)發明說明書公告本 (11)證書號數: TW I773270 B

(45)公告日: 中華民國 111 (2022) 年 08 月 01 日

(21)申請案號: I10114763 (22)申請日: 中華民國 110 (2021) 年 04 月 23 日

(51)Int. Cl.: F04D25/08 (2006.01) G06F1/20 (2006.01)

(71)申請人: 和成欣業股份有限公司 (中華民國) HOCHENG CORPORATION (TW)

臺北市內湖區行善路 398 號

(72)發明人: 劉哲原 LIU, CHE YUAN (TW); 李長興 LEE, CHANG HSING (TW); 劉命權 LIU, MING CHUAN (TW); 賴昭旭 LAI, ZHAO XU (TW); 熊宥甯 HSIUNG, YOU NING (TW); 許家彰 HSU, CHIA CHANG (TW); 游本堅 YU, PEN CHIEN (TW); 王淑芬 WANG, SHU FEN (TW)

(74)代理人: 袁鐵生; 劉偉隆

(56)參考文獻:

|    |            |    |            |
|----|------------|----|------------|
| TW | I257822    | TW | M617299    |
| CN | 205533416U | US | 10099434B2 |

審查人員: 施文彬

申請專利範圍項數: 4 項 圖式數: 9 共 26 頁

(54)名稱

複合件堆疊結構

(57)摘要

本創作為一種複合件堆疊結構, 主要包括以一方形第一纖維層組切割而成之一圓板形第一纖維層組, 方形第一纖維層組包括上下堆疊之第一、第二纖維層, 第一纖維層包括左右相鄰併列之第一左、右纖維布, 第一左纖維布之前側寬度大於第一右纖維布之前側寬度, 第一左、右纖維布之右、左邊緣對接以形成第一對接線; 而第二纖維層包括左右相鄰併列之第二左、右纖維布, 第二左纖維布之前側寬度小於第二右纖維布之前側寬度, 第二左、右纖維布之右、左邊緣對接以形成第二對接線, 且第一、第二對接線相互平行且上、下錯位。

指定代表圖:

## The Certification System for Management HCG

Certificate TW1701045

The management system of  
**HOCHENG CORPORATION**No. 135, Houchuang St., Bade District, Taoyuan City 334, Taiwan  
has been assessed and certified as meeting the requirements of  
**ISO 13485:2016**  
**EN ISO 13485:2016**For the following activities:  
Design and Manufacture of Zirconia Dental Blank

證書 TW21/00226

下達組織

**和成欣業股份有限公司**

334023 桃園市八德區後庄街 135 號

的實施系統已經過審核，並被證明符合下列要求

**ISO/IEC 27001:2013**

所涵蓋的活動範圍

證書的註冊範圍顯示在第二頁

此證書的有效期限自 2021 年 10 月 30 日至 2024 年 06 月 14 日  
且其有效性應繫於持續符合的定期稽核  
重新驗證稽核到期日 2024 年 04 月 23 日  
版次 2 原始註冊日期 2021 年 06 月 14 日

此證書為多場區證書，其它場區/合法實體在後續頁上列出

This certificate is valid from: 19 September 2023 until 15 September 2025 and remains valid

Issue 4, Certified since 19 September 2017

Authorised by

Jonathan M. Hall

Authorised by  
Jonathan Hall  
Global Head - Certification ServicesSGS United Kingdom Ltd  
Ratcliffe Road, Ratcliffe, Birmingham B26 3RN, UK  
T: +44 (0)121 290 8866 - www.sgs.com台灣檢驗科技股份有限公司  
24803 新北市五股區新北產業園區五工路 136-1 號  
T: +886 (0)2 2299 3039 F: +886 (0)2 2299 3231 www.sgs.com

Page 1 of 2

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Company's website and is not a legal document. This document is not a legal document and is not a  
guarantee of the document's content.

Page 1/1

## Category

## Item

Management  
System  
CertificationISO9001:2015  
QualityISO14001:2015  
EnvironmentISO45001:2018  
Occupational Safety and HealthISO50001:2018  
EnergyISO13485:2016  
Medical DeviceISO17025:2017  
LaboratoryISO27001:2013  
Information Security

CNS Mark

MIT Smile Mark

Nano Mark

GMP Certification

TFDA Certification

Product System  
Certification

衛生福利部醫療器材許可證

製造廠名稱：和成欣業股  
製造廠地址：桃園市八德  
後庄街 89 號認可登錄號碼：GMP141  
認可登錄品項：氧化鋁瓷上述製造廠經本部檢查符合醫療  
規定核發證明書，以茲證明。  
本證明書非產品許可證，非核准

衛生福利部

部長

衛生福利部醫療器材許可證

衛部醫器製字第 005927 號

中文名稱：和成氧化鋁瓷塊

英文名稱：HCG Zirconia Ceramic Block

類別：第 I 類：牙科裝置

規格：詳如中文仿單核定本

效能：詳如中文仿單核定本

處方：空白

前項醫療器材經本部審核與藥事法之規定相符應發給許可證以資證明

衛生福利部部長

陳時中

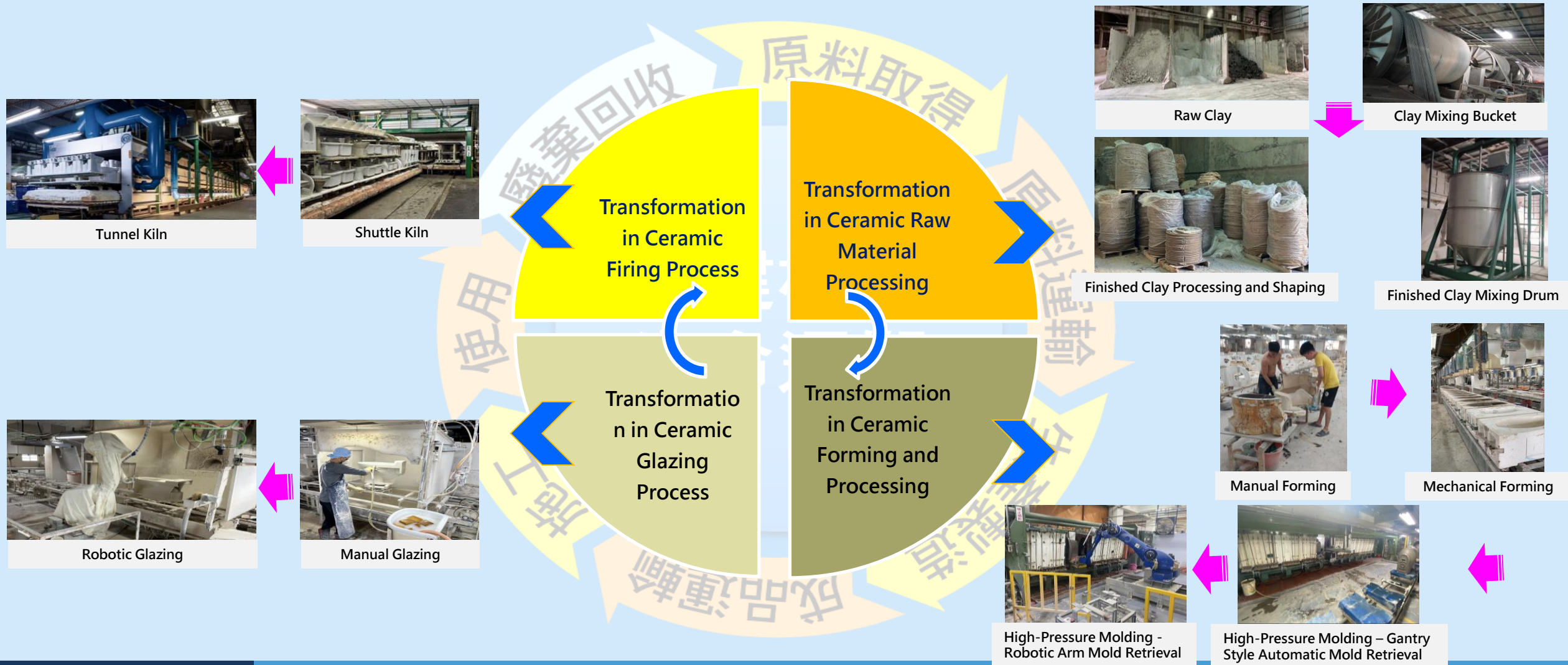
發證日期：106 年 11 月 06 日

有效日期：111 年 11 月 06 日

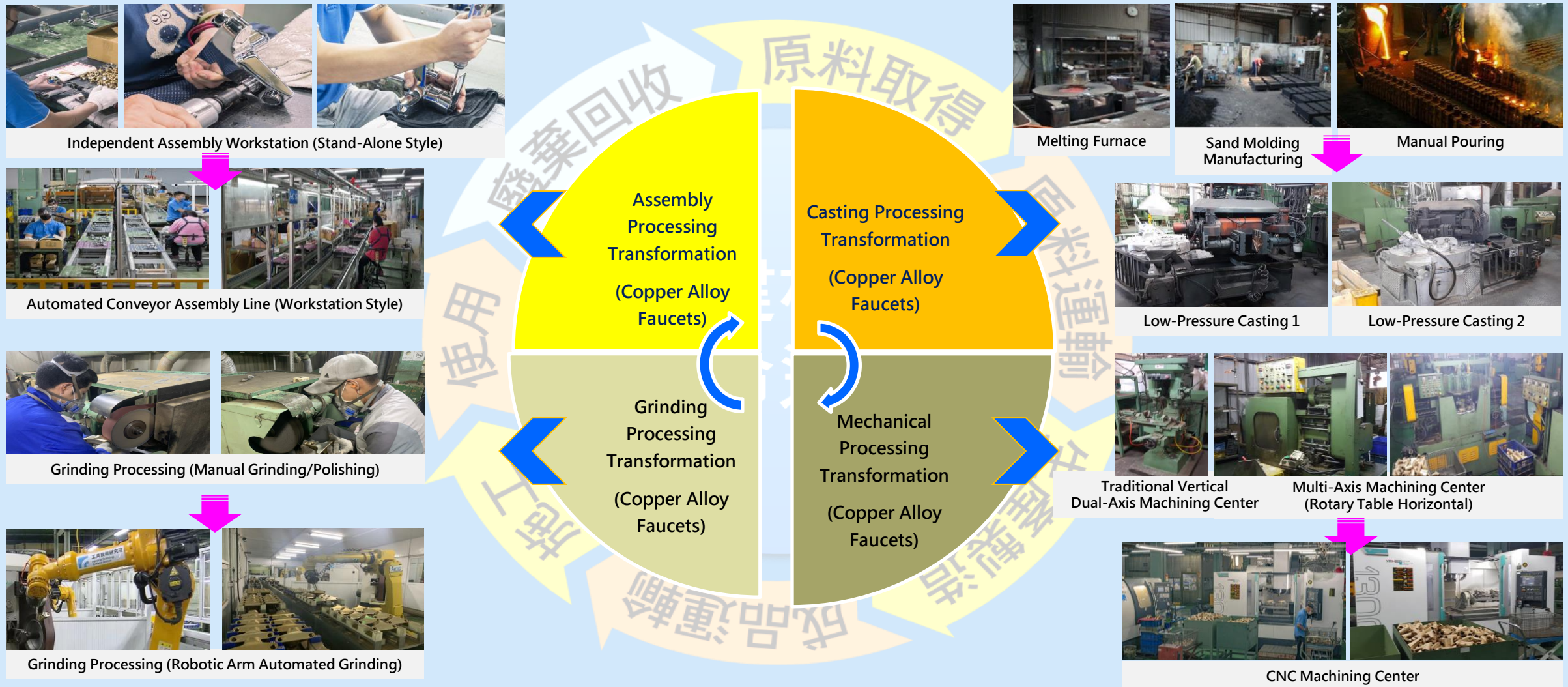
| 核准 | 核准         | 核准 | 核准 | 核准 | 核准 |
|----|------------|----|----|----|----|
| 日期 | 日期         | 日期 | 日期 | 日期 | 日期 |
| 至  | 至          | 至  | 至  | 至  | 至  |
| 文號 | 1110014418 |    |    |    |    |

MF 007878  
增加規格 變更變更 變更變更 變更變更 變更變更 變更變更

## The Evolution of Manufacturing Processes



## The evolution of manufacturing processes



## The Evolution of Manufacturing Processes

「Thermoplastic Composite Materials (FRTP)」



Carbon Fiber Cloth Material



Carbon Fiber Composite Material Processing Process

「Thermosetting Composite Materials(SMC)」



SMC(Sheet Molding Compound Material)



Sheet Molding Compound Material Processing Process

「Fiber-Reinforced Polymer Matrix Composite Materials(FRP)」



Fiber-Reinforced Plastic Materials(FRP)



Fiberglass Reinforced Plastic Processing Process(FRP)

「Thermosetting Composite Materials(BMC)」



BMC(Bulk Molding Compound Material)



Bulk Molding Compound Material Processing Process



## Sustainable Investment — Ceramic Manufacturing Process

- ✘ Economic Department Carbon Reduction Subsidy: After replacement, each natural gas unit can save approximately 30,000 kWh/year, with an expected annual reduction of carbon emissions by 50,000 kilograms.

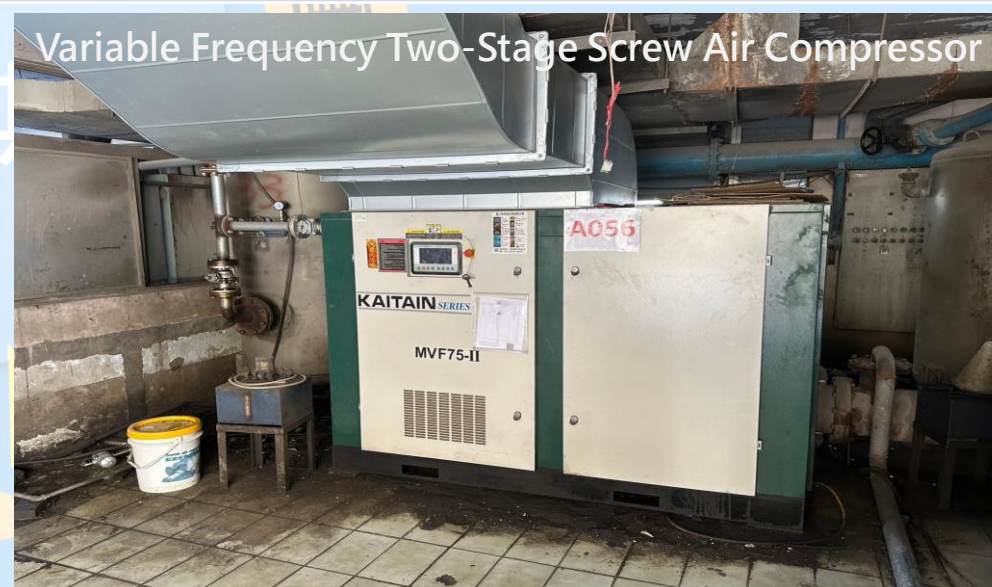


✘ Note:

Carbon emission calculation taken from 1.879 kg CO<sub>2</sub> per kWh of natural gas - Economic Department, Bureau of Energy, Greenhouse Gas Emission Reduction Information Website.

## Sustainable Investment — Ceramic Manufacturing Process

| Self-investment equipment projects                | Improvement Benefit Explanation                                                                                                                                                                               |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reciprocating Air Compressor                      | The high-efficiency rotor utilizes two-stage compression, providing greater displacement and reducing motor power wastage.                                                                                    |
| Variable Frequency Two-Stage Screw Air Compressor | The main unit and motor are driven by a direct shaft, and a large-size variable-frequency constant-temperature oil-cooled fan ensures low-noise operation."                                                   |
|                                                   | Intelligent variable frequency control panel, with PLC precision calculation that fine-tunes variable frequency parameters based on actual air demand, achieving optimal energy savings of approximately 30%. |



## Sustainable Investment — Optimization of Automated Casting Deflashing Process

The Current State of CNC Casting Deflashing Automation.



The Finished Product After Automated Casting Deflashing.



| Self-investment equipment projects           | Improvement Benefit Explanation             |
|----------------------------------------------|---------------------------------------------|
| CNC Casting Deflashing Automation Machine    | Increase Copper Chip Recovery Rate by 20%.  |
| Robotic Arm Automatic Grinding Machine       | Reduce Grinding Consumables by 30%          |
| Overall Reduction in Electricity Consumption | Reduce Total Electricity Consumption by 20% |

The Current State of Surface Treatment Processing After Automated Casting Deflashing - Part 1.



The Current State of Surface Treatment Processing After Automated Casting Deflashing - Part 2.



## Sustainable Investment — Copperware Manufacturing Process

The Current Status of Manual Sandbelt Grinding for Copper Casting Components



The Current Status of Manual Wheel Polishing for Copper Casting Components



The Current Status of Robotic Arm Automatic Grinding for Copper Casting Components



The Current Status of (Wheel) Automatic Grinding Processing



The Current Status of (Belt) Automatic Grinding Processing



| Self-investment equipment projects       | Improvement Benefit Explanation             |
|------------------------------------------|---------------------------------------------|
| Manual Grinding                          | Increase Copper Chip Recovery Rate by 20%.  |
| Robotic Arm Automatic Grinding Equipment | Reduce Grinding Consumables by 30%          |
|                                          | Reduce Total Electricity Consumption by 20% |

原料取得

廢料回收

成品運輸

## Product Evolution Milestones — (Ceramic Product Category)



ALps M II  
Series

UFO  
Series

Smart  
SUPERLET  
Series

Smart  
SUPERLET  
GORFIN Series

High Performance  
Ceramics Series



## Product Evolution Milestones — (Faucet Product Category)



Copper Alloy  
Double-Handle  
Faucet  
(Rotational cartridge)

Copper Alloy  
Single-Handle  
Faucet  
(Ceramic cartridge)

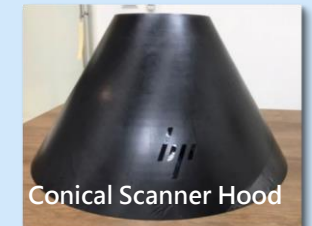
Lead-Free Copper  
Alloy Single-  
Handle Faucet  
(Ceramic cartridge)

Lead-Free Ceramic  
Single-Handle  
Faucet  
(Ceramic cartridge)

Lead-Free Stainless  
Steel Single-Handle  
Faucet  
(Ceramic cartridge)



## Product Evolution Milestones — (Composite Materials Category)



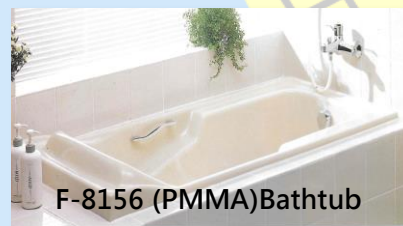
FRP  
(Fiberglass)

PMMA  
(Acrylic)

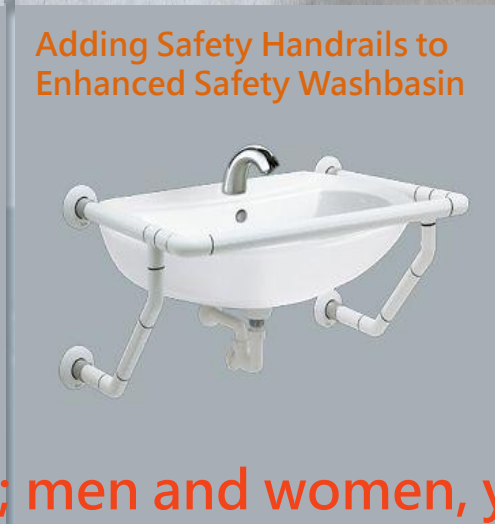
SMC  
(Sheet Molding  
Compound Plastics)

FRTP  
(Carbon Fiber)

FRTP  
(Carbon Fiber)



## Product Improvements for Seniors



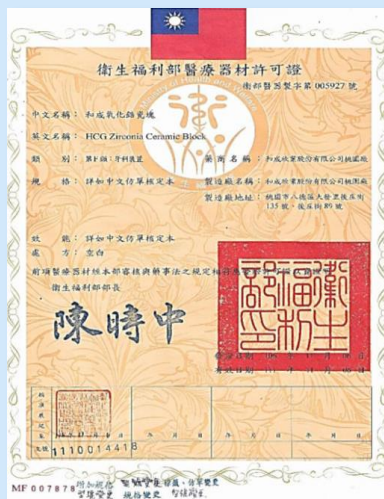
HCG cares more for you, less distance; men and women, young and old, no worries about safety.

## Improvements in Ceramic Products — (High Performance Ceramics)



## Zirconia Block

Developing new gradient-colored products and obtaining certification from the Taiwan Food and Drug Administration (TFDA).



## Level III+ Bulletproof Ceramic Plate



## Improvements in Composite Material Products — (Carbon Fiber)

Pickleball Paddle



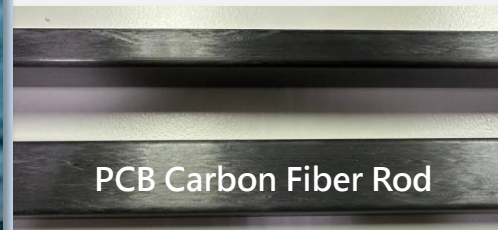
Replacing Aluminum Honeycomb or Wooden Racket with Carbon Fiber Material

Freediving Fins



2024 New Colored Carbon Fiber Freediving Fins - Special Fabric. Innovative Material Application for a New Aesthetic Experience.

Precision Wafer Carrier Carbon Fiber Components



PCB Carbon Fiber Rod



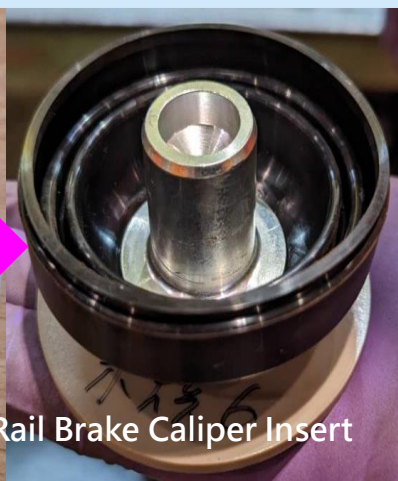
wafer carrier spindle assembly



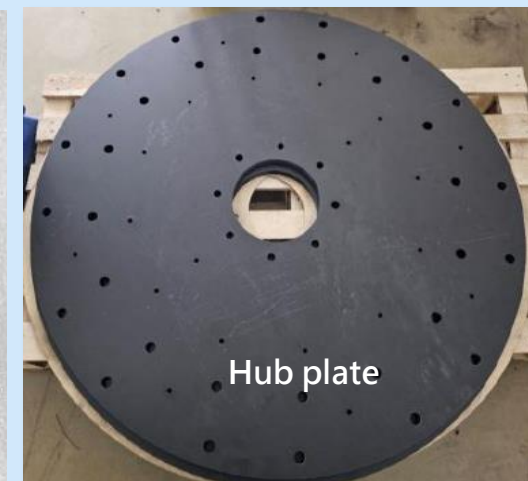
Conical Scanner Hood



Taiwan High-Speed Rail Brake Caliper Insert



FGK Red Exhaust Pipe Cover



Hub plate

## Bathroom Health Check



免費預約HCG免治健康檢查

選擇HCG免治馬桶，維修安檢有保障

幫您免費全面檢查水路管線、免治結構和安裝環境

活動日期：2023/06/16(五)-07/14(五)

預約安檢服務時間：週一至週五，早上8:30-17:30

預約報名限量2000組名額！

立即網路預約：<https://forms.gle/dNKvoj4FYU87uJyD8>

或撥打免費客服專線：0800-087-089 (限市話撥打)

(請主動告知活動名稱，以便客服專員進行預約作業)

注意事項：

1. 為回饋HCG客戶，活動全部費用(上門出動費、安檢費)皆\$0免費，如現場須維修，技師會與您確認後另行報價。
2. 安檢當日需由填寫申請表單者或家人現場陪同，如電器老舊或機體拆卸故障，非維修人員刻意損壞，HCG不負擔保責任。
3. 預約安檢時間及地址(台東、離島及偏遠地區需酌收車馬費)，最終由HCG保有決定權

和成集團官網：<https://www.hcg.com.tw/>

和丞住宅修官網：<https://www.hcgsvc.com.tw/>

免治產品專區：<https://reurl.cc/GAkMoy>

#免治加保養放心愛自己

#免費預約

#HCG和成

#免治

#免治馬桶

**HCG**

## 免費預約

### 免治健康檢查

名額有限，前2000名

6/16(五) ▶ 7/14(五)

預約安檢服務時間  
週一至週五早上 8:30-17:30

注意事項

- 。安檢當日需由申請者現場陪同
- 。由HCG保有最終決定權

【台東、離島及偏遠地區需酌收車馬費】

如想詳細了解相關活動問題可透過：[hcgsv@hcgnet.com.tw](mailto:hcgsv@hcgnet.com.tw)  
或撥打免付費電話：0800-087-089(請主動告知活動名稱方便客服專員預約作業)

電解除菌 99%  
免治+保養 放心愛自己  
免費預約 即將額滿

**HCG**  
免費送安檢  
預約免治健康檢查  
You Care HCG Care  
即日起至 7/14(五)  
即將額滿

**HCG**  
免費送安檢  
預約免治健康檢查  
即日起至 7/14(五) 即將額滿

**HCG**  
免費送安檢  
預約免治檢查 GO  
即日起 ▶ 7/14(五)  
即將額滿

**HCG**  
免費送安檢  
預約免治檢查 GO  
即日起至 7/14(五)  
即將額滿

HCG prioritizes consumer safety and promptly arranges free health check activities for relevant products, safeguarding consumer service rights and product safety.

# Part IV

## Q & A

HOCHENG CORPORATION

The HCG logo is displayed in a large, white, stylized font. The letters are bold and modern, with the 'H' and 'C' being particularly prominent. The logo is centered in the upper half of the image, overlaid on a blue-tinted background that features various images of HCG products and store interiors.

HCG

和成旗艦店

Thank you for attention

R e f o r m   a n d   I n n o v a t i o n