

FINEHOPE

**FREE**

**DMF/ A  
report**

**3D Design**

**Mould**

**Product Inspection  
Standard Setting**

**Free Product Inspection Standard Setting:**  
In addition to the usual quantification of product physical properties and appearance standards, we will add REACH, RoHS, FDA, CA-65, or CFC Free to the standards according to customer needs.

**Free Mould Opening:**  
Large order quantity with mould cost free.

**Free 3D Design:**  
Finehope help customer design the desired product or modify the design for free.

**Free DFM/A Report:**  
Finehope will show details and solutions of manufacturability and assemblability through PPT to help customers reduce trouble.

# Finehope

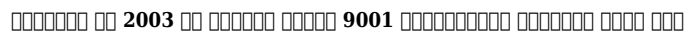


**20 Years**  
Source Factory

**Support Online Custom**

**Polyurethane New Material Solutions**

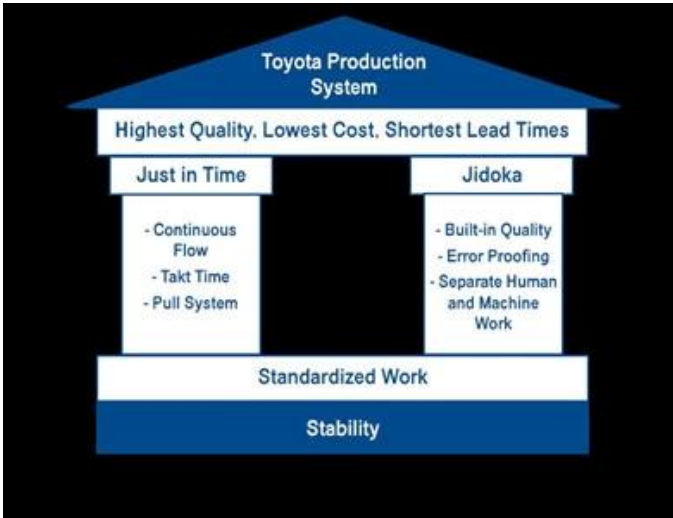
- **ပေးပို့ရန် ပုံစံ: 100% ပုံစံ Mat**  
**ပေးပို့ရန်: ပေးပို့ရန်ပုံစံ (ပုံစံ) --- ပုံစံ ပုံစံ-ပေးပို့ရန် ပုံစံပုံစံ;**  
**ပေးပို့ရန် ပုံစံ: 1 ပုံစံ / ပုံစံ**  
**ပေးပို့ရန်: ပေးပို့ရန်ပုံစံ ပုံစံ ပုံစံ ပုံစံ**  
**ပုံစံ ပေးပို့ရန်: ပုံစံ ပုံစံ ပေးပို့ရန် ပုံစံ ပုံစံ ပုံစံ**  
**ပေးပို့ရန်: ပုံစံ ပေးပို့ရန် ပုံစံပုံစံ**  
**ပေးပို့ရန် ပုံစံ: ပေးပို့ရန် ပုံစံ 30% ပုံစံ / ပုံစံ, ပေးပို့ရန် ပုံစံ ပုံစံ 70%;**  
**ပေးပို့ရန်ပုံစံ ပုံစံ: 100 ပုံစံ**  
**ပုံစံ ပုံစံ: ပေးပို့ရန်ပုံစံ, ပေးပို့ရန်ပုံစံ, ပုံစံ**  
**ပေးပို့ရန် ပုံစံ: ပုံစံ / ပုံစံ / ပေးပို့ရန် / ပေးပို့ရန်ပုံစံ / ပေးပို့ရန် / ပေးပို့ရန် / ပေးပို့ရန် / ပုံစံ-ပုံစံ**

[illegible]



2002 年，日本製造業在國際市場上的競爭力達到頂峰。當時，日本製造業在品質、成本、交貨時間等方面都表現出色。日本製造業的成功，主要歸功於其獨特的生產體系——精益生產（Lean Production）。精益生產是一種以減少浪費、提高效率為目標的生產方式。它強調在生產過程中，只保留必要的庫存，並通過持續改進來不斷提高生產效率。精益生產的核心理念是「Just in Time」（及時生產），即在需要時才生產出所需的產品。此外，精益生產還強調「Jidoka」（自働化），即在生產過程中，一旦發現異常，就立即停止生產，並進行檢查和修正。精益生產的實施，使得日本製造業在國際市場上建立了良好的聲譽，並為其後續的發展奠定了堅實的基礎。

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# Famous customer

## Cooperation experience

Engineering  
Vehicle

BOYD  
CORPORATION

TVH

AIXAM

Honeywell | STIGA CAT

Medical  
Equipment

Hill-Rom

INVACARE  
Yes, you can.

MAQUET  
GETINGE GROUP

DrPosture

Ki Mobility

Baby  
Supplies

Bumbo Nuby

bugaboo

chicco

Hatch  
Baby

GRACO

Fitness  
Equipment

STAR TRAC  
expect different.

BOWFLEX

H&B  
BUILDING PRODUCTS

ergoDRIVEN  
All your environmental challenges

NUVA

Other

PANDORA  
UNFORGETTABLE MOMENTS

CubeFit

Knoll

## Customer list

### 1. What are the main products of the company?

The company is a leading manufacturer of automotive components, specializing in the production of high-quality plastic parts for various vehicle models. The company's products are widely used in the automotive industry, particularly in the production of interior and exterior components. The company's main products include: CAT, FIAT, TVH, STIGA. The company has a long history of cooperation with these brands, and its products are known for their reliability and durability. The company's production capacity is 12 million units per year.

### 2. What are the main markets of the company?

- 1) The company's main markets are Europe, North America, and Asia. The company has a strong presence in these regions, and its products are widely sold.
- 2) The company's main markets are Europe, North America, and Asia. The company has a strong presence in these regions, and its products are widely sold.
- 3) The company's main markets are Europe, North America, and Asia. The company has a strong presence in these regions, and its products are widely sold.
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- 6) The company's main markets are Europe, North America, and Asia. The company has a strong presence in these regions, and its products are widely sold.
- 7) The company's main markets are Europe, North America, and Asia. The company has a strong presence in these regions, and its products are widely sold.

### 3. What are the main products of the company?

- 1) The company's main products are: plastic parts, metal parts, and electronic components.
- 2) The company's main products are: plastic parts, metal parts, and electronic components.
- 3) The company's main products are: plastic parts, metal parts, and electronic components.
- 4) The company's main products are: plastic parts, metal parts, and electronic components.



## >>> About us









## Our Certification



公司荣获 2019-2020 年度 厦门市成长型中小微企业

公司于 2019 年 12 月 15 日荣获 2019-2020 年度 厦门市成长型中小微企业 称号。该称号是厦门市工业和信息化局根据《厦门市成长型中小微企业认定办法》的规定，对公司进行认定后授予的。公司作为高新技术企业，拥有自主知识产权，产品具有市场竞争力，符合成长型中小微企业的认定标准。

公司荣获 2020-2022 年度 厦门市专精特新中小企业

公司于 2020 年 8 月 10 日荣获 2020-2022 年度 厦门市专精特新中小企业 称号。该称号是厦门市工业和信息化局根据《厦门市专精特新中小企业认定办法》的规定，对公司进行认定后授予的。公司作为高新技术企业，拥有自主知识产权，产品具有市场竞争力，符合专精特新中小企业的认定标准。

公司荣获 2019-2021 年度 厦门市科技小巨人领军企业

公司于 2019 年 12 月 15 日荣获 2019-2021 年度 厦门市科技小巨人领军企业 称号。该称号是厦门市科学技术局根据《厦门市科技小巨人领军企业认定办法》的规定，对公司进行认定后授予的。公司作为高新技术企业，拥有自主知识产权，产品具有市场竞争力，符合科技小巨人领军企业的认定标准。



本公司 2019 年度 获评 厦门市成长型中小微企业

本公司 2020-2022 年度 获评 厦门市专精特新中小企业

本公司 获评 厦门市科技小巨人领军企业

2018 年度 获评 厦门市成长型中小微企业  
2019 年度 获评 厦门市成长型中小微企业  
2020 年度 获评 厦门市成长型中小微企业  
2021 年度 获评 厦门市成长型中小微企业  
2022 年度 获评 厦门市成长型中小微企业

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2020 年度 获评 厦门市科技小巨人领军企业  
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2023 年度 获评 厦门市科技小巨人领军企业  
2024 年度 获评 厦门市科技小巨人领军企业



福建省排污许可证

Verified Supplier Certificate

[illegible]



## Quality Assurance



### UNIVERSAL TESTING MACHINE(UTM)



Tensile Test



Tear Resistance Test

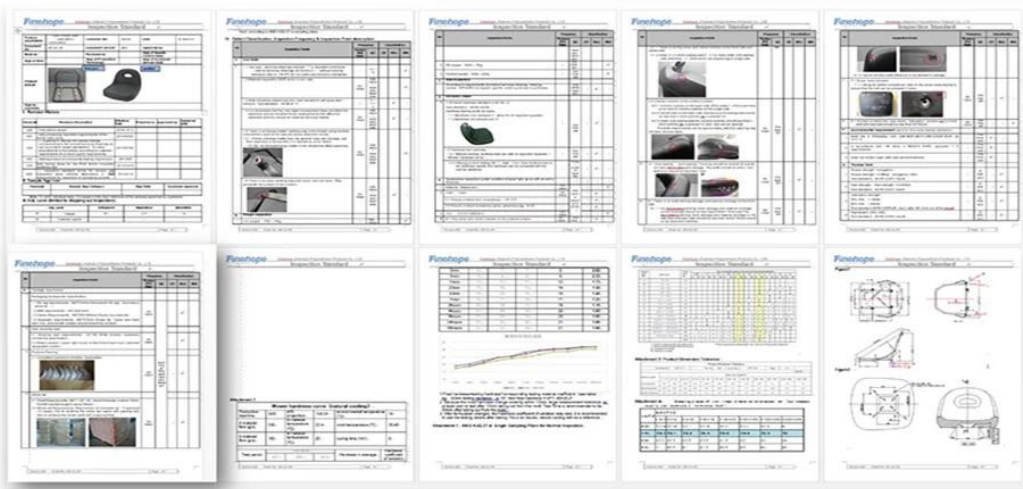


Compressive Strength



Indentation Force Deflection

## INSPECTION STANDARD



## MATERIAL PERFORMANCE TEST REPORT



|                        |                                                                                                                                                 |  |  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>Customer</b>        |                                                                                                                                                 |  |  |
| <b>Location</b>        | New Zealand                                                                                                                                     |  |  |
| <b>Customer Code</b>   | G1019                                                                                                                                           |  |  |
| <b>Risk Assessment</b> | New: Site <input type="checkbox"/> Technology <input type="checkbox"/> Process <input type="checkbox"/><br>Other Risks <input type="checkbox"/> |  |  |

|                          |            |  |  |
|--------------------------|------------|--|--|
| <b>Project</b>           |            |  |  |
| <b>Finehope Contact</b>  | Wendy Yang |  |  |
| <b>Part No.</b>          |            |  |  |
| <b>Part Name</b>         | G1019Y04   |  |  |
| <b>Change Level/Date</b> |            |  |  |
| <b>User Plant(s)</b>     | Finehope   |  |  |

| Core Team Members | Company/Title   | Phone/Fax/E-Mail   |
|-------------------|-----------------|--------------------|
| Tiger Xu          | G.M.            |                    |
| Yibin Lim         | Vice G.M.       |                    |
| Cindy Wu          | Sales Manager   | cindy@finehope.com |
| Liangquan Wan     | Project Manager |                    |
| Wendy Yang        | Sales           | wendy@finehope.com |

| Build Level                    | Material Required Date | Quantity | No. Concurrent |        |
|--------------------------------|------------------------|----------|----------------|--------|
|                                |                        |          | SRCs           | Majors |
| Product Design and Development | 21-Jun-21              | 10       |                |        |
| Product and Process Validation | 25-Jun-21              | 15       |                |        |
|                                |                        |          |                |        |
|                                |                        |          |                |        |

| APQP Deliverable                                                      | Finehope APQP Reference Only | G<br>Y<br>R | Project Need Date | Supplier Timing Date | Actual Closure Date | Supplier Lead Resp Initials | Finehope Acceptance Complete | Remarks or Assistance Required |
|-----------------------------------------------------------------------|------------------------------|-------------|-------------------|----------------------|---------------------|-----------------------------|------------------------------|--------------------------------|
| <b>AIAG APQP Phase 2 - Product Design and Development</b>             |                              |             |                   |                      |                     |                             |                              |                                |
| 1. Project Timeline (Synchronized w/Production Time Plan)             | 2030                         | G           | 20-Jun-21         | 21-Jun-21            | 21-Jun-21           | 22-Jun-21                   | 23-Jun-21                    |                                |
| 2. Customer Inputs / Requirements                                     | 2030                         | G           | 23-Jun-21         | 24-Jun-21            | 24-Jun-21           | 25-Jun-21                   | 26-Jun-21                    |                                |
| 3. Warranty & Quality Mitigation Plan                                 | 2030                         | G           | 24-Jun-21         | 25-Jun-21            | 25-Jun-21           | 26-Jun-21                   | 27-Jun-21                    |                                |
| 4. Customer Specific Requirements                                     | 2030                         | G           | 25-Jun-21         | 26-Jun-21            | 26-Jun-21           | 27-Jun-21                   | 28-Jun-21                    |                                |
| 5. Design FMEA                                                        | 2080                         | G           | 26-Jun-21         | 27-Jun-21            | 27-Jun-21           | 28-Jun-21                   | 29-Jun-21                    |                                |
| 6. Preliminary Bill of Materials (BOM)                                | 2030                         | G           | 27-Jun-21         | 28-Jun-21            | 28-Jun-21           | 29-Jun-21                   | 30-Jun-21                    |                                |
| 7. Prototype Control Plans                                            | 2110                         | G           | 28-Jun-21         | 29-Jun-21            | 29-Jun-21           | 30-Jun-21                   | 1-Jul-21                     |                                |
| 8. Prototype Builds                                                   | 2110                         | G           | 29-Jun-21         | 30-Jun-21            | 30-Jun-21           | 1-Jul-21                    | 2-Jul-21                     |                                |
| 9. Design Verification Plan & Report (DVP&R)                          | 2120                         | G           | 30-Jun-21         | 1-Jul-21             | 1-Jul-21            | 2-Jul-21                    | 3-Jul-21                     |                                |
| 10. Design / Process Review                                           | 2130                         | G           | 1-Jul-21          | 2-Jul-21             | 2-Jul-21            | 3-Jul-21                    | 4-Jul-21                     |                                |
| 11. Team Feasibility Commitment                                       | 2130                         | G           | 2-Jul-21          | 3-Jul-21             | 3-Jul-21            | 4-Jul-21                    | 5-Jul-21                     |                                |
| 12. APQP Status Sub-Supplier                                          | 2130                         | G           | 3-Jul-21          | 4-Jul-21             | 4-Jul-21            | 5-Jul-21                    | 6-Jul-21                     |                                |
| 13. Production Drawing & Specifications                               | 2220                         | G           | 4-Jul-21          | 5-Jul-21             | 5-Jul-21            | 6-Jul-21                    | 7-Jul-21                     |                                |
| 14. Subcontractor Purchase Orders (Customer Tooling)                  | 2220                         | G           | 5-Jul-21          | 6-Jul-21             | 6-Jul-21            | 7-Jul-21                    | 8-Jul-21                     |                                |
| 15. Facilities, Equipment, Tools and Gages                            | 2260                         | G           | 6-Jul-21          | 7-Jul-21             | 7-Jul-21            | 8-Jul-21                    | 9-Jul-21                     |                                |
| <b>AIAG APQP Phase 3 - Process Design and Development</b>             |                              |             |                   |                      |                     |                             |                              |                                |
| 16. Product/Process and Quality System Review                         | 3030                         | G           | 9-Jul-21          | 10-Jul-21            | 10-Jul-21           | 10-Jul-21                   | 11-Jul-21                    |                                |
| 17. Manufacturing Process Flow Chart                                  | 3040                         | G           | 11-Jul-21         | 12-Jul-21            | 12-Jul-21           | 12-Jul-21                   | 13-Jul-21                    |                                |
| 18. Process FMEA                                                      | 3100                         | G           | 13-Jul-21         | 14-Jul-21            | 14-Jul-21           | 14-Jul-21                   | 15-Jul-21                    |                                |
| 19. Pre-Launch Control Plan                                           | 3110                         | G           | 15-Jul-21         | 16-Jul-21            | 16-Jul-21           | 16-Jul-21                   | 17-Jul-21                    |                                |
| 20. Process Work Instructions                                         | 3120                         | G           | 17-Jul-21         | 18-Jul-21            | 18-Jul-21           | 18-Jul-21                   | 19-Jul-21                    |                                |
| 21. Measurement Systems Evaluation                                    | 3130                         | G           | 19-Jul-21         | 20-Jul-21            | 20-Jul-21           | 20-Jul-21                   | 21-Jul-21                    |                                |
| 22. Packaging Specifications & Approvals                              | 3160                         | G           | 21-Jul-21         | 22-Jul-21            | 22-Jul-21           | 22-Jul-21                   | 23-Jul-21                    |                                |
| 23. Manufacturing Team Training                                       | 3170                         | G           | 23-Jul-21         | 24-Jul-21            | 24-Jul-21           | 24-Jul-21                   | 25-Jul-21                    |                                |
| <b>AIAG APQP Phase 4 - Product and Process Validation</b>             |                              |             |                   |                      |                     |                             |                              |                                |
| 24. Subcontractor PPAP Approval                                       | 4005                         | G           | 9-Jul-21          | 10-Jul-21            | 10-Jul-21           | 10-Jul-21                   | 11-Jul-21                    |                                |
| 25. Production Control Plan                                           | 4008                         | G           | 11-Jul-21         | 12-Jul-21            | 12-Jul-21           | 12-Jul-21                   | 13-Jul-21                    |                                |
| 26. Production Readiness Review (PRR)                                 | 4009                         | G           | 13-Jul-21         | 14-Jul-21            | 14-Jul-21           | 14-Jul-21                   | 15-Jul-21                    |                                |
| 27. Production Trial Run (PTR)                                        | 4010                         | G           | 15-Jul-21         | 16-Jul-21            | 16-Jul-21           | 16-Jul-21                   | 17-Jul-21                    |                                |
| 28. Process Capability Studies                                        | 4030                         | G           | 17-Jul-21         | 18-Jul-21            | 18-Jul-21           | 18-Jul-21                   | 19-Jul-21                    |                                |
| 29. Production Validation Plan & Report (PV&R)                        | 4090                         | G           | 19-Jul-21         | 20-Jul-21            | 20-Jul-21           | 20-Jul-21                   | 21-Jul-21                    |                                |
| 30. Production Part Approval (PPAP)                                   | 4110                         | G           | 21-Jul-21         | 22-Jul-21            | 22-Jul-21           | 22-Jul-21                   | 23-Jul-21                    |                                |
| <b>AIAG APQP Phase 5 - Feedback, Assessment and Corrective Action</b> |                              |             |                   |                      |                     |                             |                              |                                |
| 31. Initial Production Shipment                                       | 5005                         | G           | 28-Jul-21         | 30-Jul-21            | 30-Jul-21           | 30-Jul-21                   | 31-Jul-21                    |                                |
| 32. Production Ramp-up Plan                                           | 5005                         | G           | 31-Jul-21         | 2-Aug-21             | 2-Aug-21            | 2-Aug-21                    | 3-Aug-21                     |                                |
| 33. Full Production Date                                              | 5005                         | G           | 5-Aug-21          | 7-Aug-21             | 7-Aug-21            | 7-Aug-21                    | 8-Aug-21                     |                                |
| 34. Conduct Lessons Learned                                           | 5005                         | G           | 8-Aug-21          | 10-Aug-21            | 10-Aug-21           | 10-Aug-21                   | 11-Aug-21                    |                                |

## Design Failure Mode and Effects Analysis

### (Design FMEA)

FMEA No.:  
DFMEA-001

Page: page 1, totally 3 pages

Made: Xiaodong Qiu

FMEA Date: Nov.10th.2015

Product Name: Injection moulding

Procedure responsible dept: Production Dept

Model year/vehicle types: CRV

Soybean Milk Maker

Important date: Nov.10th.2015

People participated: Develop dept:GaoLin Wei

Sales:Haiyan Wu

PC:Jiannan Yan

Technology Dept:Jianyu Zhou

Purchaser:Yuanyuan Gou

Production dept:Shuwen Dong

QC:Bingxiang Zheng

| procedure function requirements | Potential failure mode    | Potential effects analysis | severity (S) | grade | potential causes/mechanism of failure                                                                                                                                                       | frequency (O) | Current prevention process control                                                                       | Current detection process control | detection (D) | RPN | recommended measures                                                                                        | Responsibility and target completion date | Action Taken                                                                                                       | severity (S) | frequency (O) | difficult to check (D) | RPN |
|---------------------------------|---------------------------|----------------------------|--------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------|-----------------------------------|---------------|-----|-------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------|---------------|------------------------|-----|
| scaphus                         | size changes of handle    | handle cover fall off      | 6            | A     | PP size change                                                                                                                                                                              | 6             | By adjusting the product of the injection molding process, and measure or test the clasp of product size | measure and test product size     | 3             | 108 | Add the number of button bit in handle design, in order to keep the connection strength                     | Xiaodong Qiu 2015/08/25                   | By adjusting the product of the injection molding process, and measure or test product size                        | 6            | 1             | 1                      | 6   |
| scaphus                         | warping of scaphus handle | Poor appearance break      | 4            | C     | high handle wall                                                                                                                                                                            | 6             | Add the stiffener to handle wall to prevent deformation                                                  | measure and test product size     | 2             | 48  | If this problem appears, make improvement by adding the stiffener                                           | Xiaodong Qiu 2015/09/30                   | Add the stiffener to handle wall to prevent deformation                                                            | 4            | 2             | 1                      | 8   |
| scaphus                         | Deformation of cup-mouth  | Micro switch without power | 8            | A     | PP material deformation, Resulting in a perpendicular direction to connect the cup and handle inward deformation, So that both sides of the bit, the micro switch column opposite sink, and | 3             | Adjust the injection molding process, to prevent extrusion                                               | measure and test cup-mouth size   | 3             | 72  | in the cup packing control the direction of the lateral dimension of no force, stipulate the way of packing | Xiaodong Qiu 2015/09/10                   | stipulate the cup packing control the direction of the lateral dimension of no force, stipulate the way of packing | 8            | 1             | 3                      | 24  |

H-R-P-001-1

## Process Failure Mode and Effects Analysis

### (PFMEA)

#### 潜在失效模式及后果分析

FMEA No.FMEA20150325-01

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Maker:Wenhong-Huang

FMEA Date (Original):2015.03.25

Item:Welding Improvement

Process Responsibilities: Production welding group

Model year/project

Key Dates

| 失效模式分析                                                                                      |                                                             |                                                                                           |                 |                                                                                        |                                                                                                |                                                                                                                                                          |                                                                                                                                                                |                                                                            |                       |                                                                                                                                                                  |                                                                                                                                  |                                                        |                         |                 |                       |                         |               |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------|-----------------|-----------------------|-------------------------|---------------|
| Item<br>序号                                                                                  | Potential failure mode<br>潜在失效模式                            | Potential consequences of failure modes<br>失效模式失效后果                                       | Severity<br>严重度 | Grade<br>等级                                                                            | Potential causes of failure<br>失效原因                                                            | Occurrence degree<br>发生度                                                                                                                                 | Current process control and prevention<br>现行过程控制与预防                                                                                                            | Current process control detection<br>现行过程控制检测                              | Detection rate<br>检测率 | RPN                                                                                                                                                              | Suggest measures<br>建议措施                                                                                                         | Responsibility and target completion date<br>责任及目标完成日期 | Measure results<br>措施结果 | Severity<br>严重度 | Incidence rate<br>发生率 | Detection degree<br>检测度 | RPN           |
| Request<br>问题                                                                               | Request<br>问题                                               | Request<br>问题                                                                             | Request<br>问题   | Request<br>问题                                                                          | Request<br>问题                                                                                  | Request<br>问题                                                                                                                                            | Request<br>问题                                                                                                                                                  | Request<br>问题                                                              | Request<br>问题         | Request<br>问题                                                                                                                                                    | Request<br>问题                                                                                                                    | Request<br>问题                                          | Request<br>问题           | Request<br>问题   | Request<br>问题         | Request<br>问题           | Request<br>问题 |
| Clamping<br>(clamping required is in place, no missing or wrong loaded)<br>紧固（紧固到位，无漏装，无错装） | Clamping is not in place<br>紧固不到位                           | Welding error, leak welding, affect the assembly or use function<br>焊接错误、漏焊、焊接缺陷、影响装配使用功能 | 8               | B                                                                                      | ● Staff negligence<br>人员作业疏忽<br>● Failure for bad<br>不良作业不良                                    | 4                                                                                                                                                        | ● Make the operation standard book<br>制定作业标准书<br>● Make maintenance standards, regular maintenance<br>制定保养标准、定期维护、维护                                           | ● Visual inspection<br>目视检查<br>● Finished 100% full inspection<br>完成100%全检 | 6                     | 144                                                                                                                                                              | ● Pre-service training of staff<br>岗前培训<br>● Regular maintenance<br>定期定期维护                                                       |                                                        | 6                       | 3               | 4                     | 72                      |               |
|                                                                                             | Clamping is in place<br>紧固到位                                | Welding error, leak welding, affect the assembly or use function<br>焊接错误、漏焊、焊接缺陷、影响装配使用功能 | 8               | A                                                                                      | ● Staff negligence<br>人员作业疏忽<br>● Failure for bad<br>不良作业不良<br>● Failure inaccurate<br>不良定位不准确 | 4                                                                                                                                                        | ● Make the operation standard book<br>制定作业标准书<br>● Make maintenance standards, regular maintenance<br>制定保养标准、定期维护、维护<br>● Regular checking of future<br>定期检查未来 | ● Visual inspection<br>目视检查                                                | 6                     | 192                                                                                                                                                              | ● Pre-service training of staff<br>岗前培训<br>● Regular maintenance<br>定期定期维护<br>● Make inspection checklist for future<br>制定检查未来清单 |                                                        | 8                       | 3               | 4                     | 96                      |               |
|                                                                                             | Attachmate missing<br>附件漏装                                  | Affect product strength or influence the assembly<br>影响产品强度或影响装配                          | 8               | A                                                                                      | ● Staff negligence<br>作业人员疏忽                                                                   | 3                                                                                                                                                        | ● Make the operation standard book<br>制定作业标准书                                                                                                                  | ● Visual inspection<br>目视检查                                                | 4                     | 96                                                                                                                                                               | ● Final inspection personnel do 100% full inspection for each bead with mark<br>终检人员100%全检、每道焊痕人员100%全检、每道焊痕                     |                                                        | 8                       | 2               | 2                     | 32                      |               |
|                                                                                             | Attachmate error<br>附件错装                                    | Influence assembly<br>影响装配                                                                | 7               | A                                                                                      | No mistake proofing future<br>不良定位不准确                                                          | 3                                                                                                                                                        | ● Make the operation standard book<br>制定作业标准书                                                                                                                  | ● Visual inspection<br>目视检查                                                | 6                     | 126                                                                                                                                                              | ● Increase the mistake proofing devices<br>增加防错装置<br>● Inspection for final inspection tools<br>终检工具检查                           |                                                        | 7                       | 2               | 4                     | 56                      |               |
| False welding<br>假焊                                                                         | Lack of strength, affect the use of function<br>强度不足、影响使用功能 | 9                                                                                         | A               | Current, voltage, welding angle, speed setting is not reasonable<br>电流、电压、焊接角度、速度设定不合理 | 4                                                                                              | ● Welding process guidance making<br>制定焊接工艺指导书<br>● Condition confirmation check<br>制定条件确认书<br>● Confirm the failure test on a regular basis<br>定期检查失败测试 | ● Destructive testing<br>破坏性试验                                                                                                                                 | 8                                                                          | 288                   | ● After the procedure is set up to confirm the processing conditions, the execution and marking of the failure test is performed<br>制程设定完成后确认加工条件、制程确认后执行失败测试并标记 |                                                                                                                                  | 9                                                      | 3                       | 4               | 108                   |                         |               |

## Production Device

### KRAUSS MAFFEI

Finehope has successively introduced many of the world's most advanced German KraussMaffei high-pressure injection machines since 2010.



Reaction Injection Molding (RIM)  
High Pressure Machine  
KRAUSS MAFFEI  
Made in Germany!



### Self-invented fully automatic production line

Finehope has independently developed a number of fully automatic P-U injection production lines since 2010. These production lines reduce production costs and meet customer delivery requirements.



### Welding Robots



Since 2016, Finehope has continued to purchase welding robots and automatic fixture turntables for welding metal parts. The independent processing of accessories saves the waiting time and procurement cost of outsourcing processing.

### CNC Machine

Finehope has continued to purchase CNC equipment since 2016. CNC (Computer Numerically Controlled) machining is a manufacturing process in which pre-programmed computer software dictates the movement of factory tools and machinery. Using this type of machine versus manual machining can result in improved accuracy, increased production speeds, enhanced safety, increased efficiency and most importantly, help customers save costs and improve product quality.



### Mould Release Agent Painting Robot



Since 2019, Finehope has purchased robots for spraying water-based release agents to improve the working environment, improve spraying quality and material utilization, and reduce labor costs.

### 3D printer

Finehope started to purchase 3D printers in 2015. 3D printing can realize rapid proofing of new product prototypes and templates for resin molds, and can also be used for faster and cheaper small batch production.







## Social Responsibility

- **Audited by Sedex**

( Supplier business ethics information  
exchange )

Labor standard · health and safety · Environmental  
protection · Business ethics practice

- **Public-spirited**



Voluntary tree planting after Super Typhoon Meranti in 2016

## A VALUE-BASED COMPANY

CUSTOMER FIRST

TEAMWORK

EMBRACE CHANGES

PASSION

INTEGRITY

COMMITMENT