

Finehope



Finehope



Finehope



Finehope



Finehope



Finehope





我們 Finehope 通過了 ISO 9001 2003 認證。

IATF16949:
 Finehope 於 2021 年 11 月獲得 IATF16949 50 認證。該認證由 NQA 頒發，適用於聚氨酯泡沫產品。該認證是國際汽車行業的標準，與 ISO 9001 相輔相成。Finehope 是 Caterpillar 的 2007 年供應商，並符合 SPC, MSA, FMEA, APQP, PPAP 等標準。Caterpillar 是 Fortune 500 公司之一。

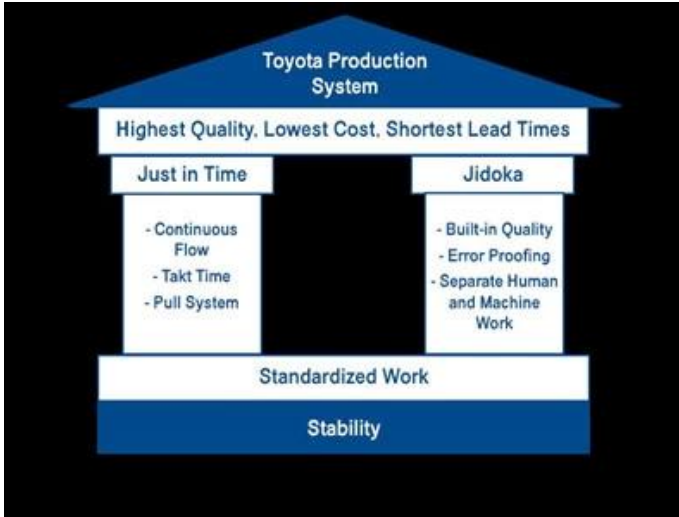
Our Advantages



我們於 2002 年獲得 PU 認證。Finehope 的 PU 產品符合 ISO 9001 標準。我們擁有先進的生產設備和技術，確保產品質量。我們是 Fortune 500 公司的合格供應商。我們的產品廣泛應用於建築、汽車和工業領域。我們提供優質的客戶服務和技術支持。我們不斷投資研發，以滿足市場需求。我們擁有完善的质量管理体系，確保產品符合國際標準。我們與全球知名企業建立了長期合作關係。我們的工廠位於中國，交通便利，生產效率高。我們歡迎各界人士垂詢和參觀。



Finehope 的 PU 產品具有優良的性能和耐用性。我們採用高品質的原料和先進的生產工藝。我們的產品通過了嚴格的質量檢驗。我們提供定制化的產品和解決方案。我們的工廠採用自動化生產，確保生產的精確性和一致性。我們擁有專業的技术團隊，提供全方位的支持。我們與全球知名企業建立了長期合作關係。我們的工廠位於中國，交通便利，生產效率高。我們歡迎各界人士垂詢和參觀。



1. **Specific** - Clearly identify the goal.
 2. **Measurable** - Define the goal in measurable terms.
 3. **Attainable** - Choose goals that are realistic and manageable.
 4. **Relevant** - Make sure the goal is something that is important to you.
 5. **Time-bound** - Define the time frame during which you will achieve the goal.

Famous customer

Cooperation experience

<p>Engineering Vehicle</p> <p>BOYD CORPORATION, TVH, AIXAM, Honeywell, STIGA, CAT</p>	<p>Medical Equipment</p> <p>Hill-Rom, INVACARE (Yes, you can.), MAQUET GETINGE GROUP, DrPosture, Ki Mobility</p>
<p>Baby Supplies</p> <p>Bumbo Nuby, bugaboo, chicco, Hatch Baby, GRACO</p>	<p>Fitness Equipment</p> <p>STAR TRAC (expect different.), BOWFLEX, HB&G BUILDING PRODUCTS, ergoDRIVEN, nuva</p> <p>Other</p> <p>PANDORA (UNFORGETTABLE MOMENTS), CubeFit, Knoll</p>

1. **Specific** - Clearly identify the goal.

1. Specific - Clearly identify the goal.
 Finehope is a leading manufacturer of PU products. We have a long history of cooperation with famous customers. Our products are widely used in various industries. We have a strong R&D team and a complete production system. We can provide customized products for our customers. We have a good reputation in the market. We are committed to providing high-quality products and services. We have a long-term cooperation with many famous customers. We are looking forward to cooperating with more customers.

በሥነ ምግባር ስርዓት ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ።

2. የሥነ ምግባር ስርዓት ለ **Finehope**

- .የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (1)
- .የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (2)
- የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (3)
- የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (4)
- .የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (5)
- የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (6 PU).

7) **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ።

3. የሥነ ምግባር ስርዓት ለ **Finehope ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ**

- የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (1 (APQP).
- 2) የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ
- .የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (3)
- .የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (4)
- የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (5).

4. የሥነ ምግባር ስርዓት ለ **Finehope ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ**

- .የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (1)
- .የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (2)
- .የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (3)
- የሥነ ምግባር ስርዓት ለ **Finehope** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ (4).

5. የሥነ ምግባር ስርዓት ለ **PU**

የሥነ ምግባር ስርዓት ለ **PU** ለማረጋገጥ የሚያስፈልጉትን ሰነድ ለማቅረብ ይጠቀሙ።



About us







授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2019-2020年度
 2019-2020
厦门市成长型中小微企业
 Xiamen Growth-oriented Micro, Small & Medium Enterprises
 厦门市工业和信息化局
 厦门市中小企业发展领导小组办公室
 二〇二〇年五月

授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2020-2022年度
 2020-2022
厦门市专精特新中小企业
 Xiamen Specialized, Refining, Differentiate, Innovative SMEs
 厦门市工业和信息化局
 Xiamen Municipal Bureau of Industry and Information Technology
 二〇二〇年八月

授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2019-2021年度
 2019-2021
厦门市科技小巨人领军企业
 Xiamen Science and Technology Little Giant Leading Enterprise
 Certificate
 企业名称: 飞虎(厦门)新材料科技股份有限公司
 Company Name: Finehope (Xiamen) New Material Technology Co., Ltd.
 批准时间: 2020年12月11日
 Approved Time: 2020.12.11
 批准机关: 厦门市工业和信息化局
 Approved Authority: Xiamen Municipal Bureau of Industry and Information Technology
 厦门市中小企业发展领导小组办公室
 Xiamen Municipal Office of Small and Medium Enterprises Development

授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2018年度
 2018
厦门市成长型中小微企业
 Xiamen Growth-oriented Micro, Small & Medium Enterprises
 厦门市工业和信息化局
 厦门市中小企业发展领导小组办公室
 二〇一九年五月

授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2018年度
 2018
厦门市成长型中小微企业
 Xiamen Growth-oriented Micro, Small & Medium Enterprises
 厦门市工业和信息化局
 厦门市中小企业发展领导小组办公室
 二〇一九年五月

授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2018年度
 2018
厦门市成长型中小微企业
 Xiamen Growth-oriented Micro, Small & Medium Enterprises
 厦门市工业和信息化局
 厦门市中小企业发展领导小组办公室
 二〇一九年五月



授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2018年度
 2018
厦门市成长型中小微企业
 Xiamen Growth-oriented Micro, Small & Medium Enterprises
 厦门市工业和信息化局
 厦门市中小企业发展领导小组办公室
 二〇一九年五月

授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2018年度
 2018
厦门市成长型中小微企业
 Xiamen Growth-oriented Micro, Small & Medium Enterprises
 厦门市工业和信息化局
 厦门市中小企业发展领导小组办公室
 二〇一九年五月

授予: 飞虎(厦门)新材料科技股份有限公司
 Grand: Finehope (Xiamen) New Material Technology Co., Ltd.
 2018年度
 2018
厦门市成长型中小微企业
 Xiamen Growth-oriented Micro, Small & Medium Enterprises
 厦门市工业和信息化局
 厦门市中小企业发展领导小组办公室
 二〇一九年五月



Alibaba.com 平台上的所有交易均受阿里巴巴国际站贸易保障服务保护。

Alibaba.com 平台上的所有交易均受阿里巴巴国际站贸易保障服务保护。阿里巴巴国际站贸易保障服务由阿里巴巴集团提供。阿里巴巴集团是阿里巴巴国际站贸易保障服务的唯一服务提供商。阿里巴巴国际站贸易保障服务由阿里巴巴集团提供。阿里巴巴集团是阿里巴巴国际站贸易保障服务的唯一服务提供商。阿里巴巴国际站贸易保障服务由阿里巴巴集团提供。阿里巴巴集团是阿里巴巴国际站贸易保障服务的唯一服务提供商。

Alibaba.com 平台上的所有交易均受阿里巴巴国际站贸易保障服务保护。

Alibaba.com 平台上的所有交易均受阿里巴巴国际站贸易保障服务保护。阿里巴巴国际站贸易保障服务由阿里巴巴集团提供。阿里巴巴集团是阿里巴巴国际站贸易保障服务的唯一服务提供商。阿里巴巴国际站贸易保障服务由阿里巴巴集团提供。阿里巴巴集团是阿里巴巴国际站贸易保障服务的唯一服务提供商。阿里巴巴国际站贸易保障服务由阿里巴巴集团提供。阿里巴巴集团是阿里巴巴国际站贸易保障服务的唯一服务提供商。

Quality Assurance



UNIVERSAL TESTING MACHINE(UTM)



Tensile Test



Tear Resistance Test

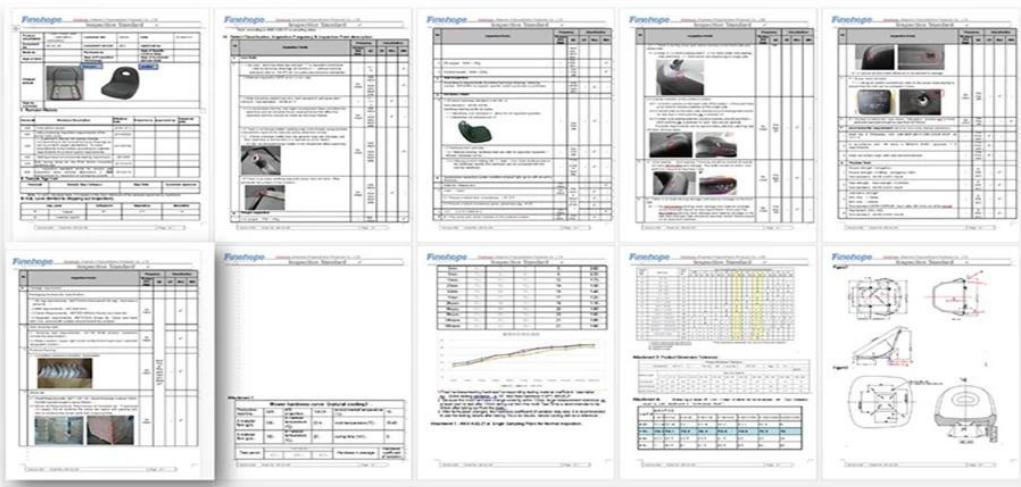


Compressive Strength



Indentation Force Deflection

INSPECTION STANDARD



MATERIAL PERFORMANCE TEST REPORT

Finehope
Test Report No. 00201457201 Date: 20140723 Page 1/4
 CUSTOMER SERVICE DEPARTMENT

The following samples were submitted and identified by/on behalf of the client as:

Sample Description: UHMW and MHD (underdevelopment)
 Material No.: 1
 Other info.: 1
 Sample Processing Date: 20140724
 Working Process: 20140723

Test Method

- 001 ASTM D2014-2011 Test of Density, Test Agency
- 002 ASTM D2014-2011 Test of Density, Test Agency
- 003 ASTM D2014-2011 Test of Density, Test Agency
- 004 ASTM D2014-2011 Test of Density, Test Agency
- 005 ASTM D2014-2011 Test of Density, Test Agency
- 006 ASTM D2014-2011 Test of Density, Test Agency
- 007 ASTM D2014-2011 Test of Density, Test Agency
- 008 ASTM D2014-2011 Test of Density, Test Agency
- 009 ASTM D2014-2011 Test of Density, Test Agency
- 010 ASTM D2014-2011 Test of Density, Test Agency
- 011 ASTM D2014-2011 Test of Density, Test Agency
- 012 ASTM D2014-2011 Test of Density, Test Agency
- 013 ASTM D2014-2011 Test of Density, Test Agency
- 014 ASTM D2014-2011 Test of Density, Test Agency
- 015 ASTM D2014-2011 Test of Density, Test Agency
- 016 ASTM D2014-2011 Test of Density, Test Agency
- 017 ASTM D2014-2011 Test of Density, Test Agency
- 018 ASTM D2014-2011 Test of Density, Test Agency
- 019 ASTM D2014-2011 Test of Density, Test Agency
- 020 ASTM D2014-2011 Test of Density, Test Agency

Finehope
Test Report No. 00201457201 Date: 20140723 Page 2/4
 CUSTOMER SERVICE DEPARTMENT

Test Result

No.	Test Item	Unit	Test Standard	Customer Sample group			Customer Sample Unit		
				1	2	3	1	2	3
1	Density	g/cm ³	ASTM D2014	1.10	1.10	1.10	1.10	1.10	1.10
2	Hardness	HR	ASTM D2014	85	85	85	85	85	85
3	Strength	MPa	ASTM D2014	10	10	10	10	10	10
4	Impact	J/m ²	ASTM D2014	10	10	10	10	10	10
5	Modulus	GPa	ASTM D2014	1.0	1.0	1.0	1.0	1.0	1.0
6	Strength	MPa	ASTM D2014	1.0	1.0	1.0	1.0	1.0	1.0
7	Strength	MPa	ASTM D2014	1.0	1.0	1.0	1.0	1.0	1.0
8	Strength	MPa	ASTM D2014	1.0	1.0	1.0	1.0	1.0	1.0
9	Strength	MPa	ASTM D2014	1.0	1.0	1.0	1.0	1.0	1.0
10	Strength	MPa	ASTM D2014	1.0	1.0	1.0	1.0	1.0	1.0

FIG:

- In order to make the strength of two child seats can be compared, see the test specimen in the same direction (left facing and back seat) in one side to do the tensile strength test comparison.
- For the specific graphs value in the above test result, it is the value of specimen with side in one side, and the actual value of the whole sample.

Finehope
Test Report No. 00201457201 Date: 20140723 Page 3/4
 CUSTOMER SERVICE DEPARTMENT

Sketch Picture

1. This picture is only used with the Sketch report from Finehope.

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

Project	
Finehope Contact	Wendy Yang
Part No.	
Part Name	G1019Y04
Change Level/Date	
User Plant(s)	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	
			SRs	Majors
Product Design and Develop	21-Jun-21	10		
Product and Process Validat	25-Jun-21	15		

APQP Deliverable	Finehope APQP Reference Only	G Y R	Project Need Date	Supplier Timing Date	Actual Closure Date	Supplier Lead Resp Inits	Finehope Acceptance Complete	Remarks or Assistance Required
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	/
AIAG APQP Phase 3 - Process Design and Development								
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	/
AIAG APQP Phase 4 - Product and Process Validation								
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	/
AIAG APQP Phase 5 - Feedback, Assessment and Corrective Action								
31. Initial Production Shipment	5005	G	20-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

Product Name: Injection moulding

Procedure responsible dept: Production Dept

Model year/vehicle types: CRV

Soybean Milk Maker

Important date: Nov.10th,2015

FMEA 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/mechanisms of failure	frequency (O)	Current prevention process control	Current detection process control	detection (D)	RPN	recommended measures	Responsibility and target completion date	action results				
													severity (S)	frequency (O)	difficult to check (D)	RPN	
scyphus	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
scyphus	warping of scyphus 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
scyphus	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 球, 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 use egg cell methods to put the packing which do not squeeze each other	8	1	3	24

H-R-P-001-1

Process Failure Mode and Effects Analysis (PFMEA)

潜在失效模式和后果分析

FMEA No.FMEA20150325-01

Page 3

Maint:Wenhong-Huang

FMEA Date (Original):2015.03.25

Item:Welding Improvement

Process Responsibilities: Production welding group

Model year/project

Key Dates

Item 项目	Potential failure mode 潜在失效模式	Potential consequences of failure modes 失效的后果/潜在失效影响	Severity 严重度	Grade 等级	Potential causes of failure 失效的潜在原因	Occurrence degree 发生度	Current process control and prevention 现行过程控制/预防	Current process control detection 现行过程控制/预防	Detection rate 探测率	RPN	Suggest measures 建议措施	Responsibility and target completion date 责任及完成日期	Measure results/测量结果			
													Measures and effective date 措施及有效日期	Severity 严重度	Incidence rate 发生率	Detection degree 探测度
Clamping is not in place 夹具不在位	SizeNG 尺寸不良		6	B	● Staff negligence 人员疏忽 ● Failure for bad 夹具不到位	4	● Make the operation standard book 制定作业标准书 ● Make maintenance standards, regular maintenance 制定保养标准,定期保养,维护	● Visual inspection 目视检查 ● Finished 100% full inspection 完成100%全检	6	144	● Pre-service training of staff 岗前培训 ● Regular maintenance 工器具维护		6	3	4	72
Clamping (Clamping required is in place, no missing or wrong loaded) 夹具不在位,无漏装/错装	Welding error, leak, welding deviation, affect the assembly or use function 焊接错误,漏焊,焊接偏差,影响装配或使用功能		8	A	● Staff negligence 人员疏忽 ● Failure for bad 夹具不到位 ● Failure inaccurate 夹具定位不准确	4	● Make the operation standard book 制定作业标准书 ● Make maintenance standards, regular maintenance 制定保养标准,定期保养,维护 ● Regular checking of fixture 夹具定期点检	Visual inspection 目视检查	6	192	● Pre-service training of staff 岗前培训 ● Regular maintenance 工器具维护 ● Make inspection checklist for fixture 夹具点检表		8	3	4	96
Attachments missing 附件缺失	Affect product strength or influence the assembly 影响产品强度或影响装配		8	A	Staff negligence 作业人员疏忽	3	Make the operation standard book 制定作业标准书	Visual inspection 目视检查	4	96	Final inspection personnel do 100% full inspection for each bead with man 每个工人100%全检,双人		8	2	2	32
Attachment error 附件错误	Influence assembly 影响装配		7	A	No mistake proofing fixture 无防错夹具	3	Make the operation standard book 制定作业标准书	Visual inspection 目视检查	6	126	● Increase the mistake proofing devices 增加防错装置 ● Inspection for final inspection tools 夹具点检表		7	2	4	56
False welding 假焊	Lack of strength, affect the use of function 强度不足,影响使用功能		9	A	Current, voltage, welding angle, speed setting is not reasonable 电流,电压,焊接角度,速度设置不合理	4	● Welding process guidance making 制定焊接工艺指导书 ● Condition confirmation check 加工条件确认表 ● Confirm the failure test on a regular basis	Destructive testing 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. 工序设置加工条件确认后		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

