



Finehope	Finehope		RoHS	FDA	CA-65	CFC
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ISO 9001

Finehope 2003 ISO 9001

Certificate of Registration



This is to certify that the Quality Management System of

Finehope (Diamen) New Material Technology Co., Ltd.  
Floor 1, 2, 4 Factory Building 1, No. 498, Jialianhu Road, Xingbei Industrial Zone, Jimei District, Xiamen City, Fujian Province, 361022, China.

applicable to

The manufacture of steering wheels

has been assessed and registered by  
NQA, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZQ, Bedfordshire, England

against the provisions of

IATF 16949:2016

(Clause 8.3 product design of IATF 16949:2016 is partially excluded)

This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA

*Nigel*  
Managing Director



NQA Certificate No: 187361  
IATF Certificate No: 060309  
Date: 08 June 2021  
Valid Until: 05 June 2024  
Version: 1



Reproduction of this IATF 'seal' map in any form is strictly prohibited by law!

IATF16949

Finehope IATF16949 2021 50

2007 Finehope Caterpillar Finehope SPC MSA FMEA APQP PPAP

1

Finehope PU

Finehope 500



2

PU

2002 Finehope PU

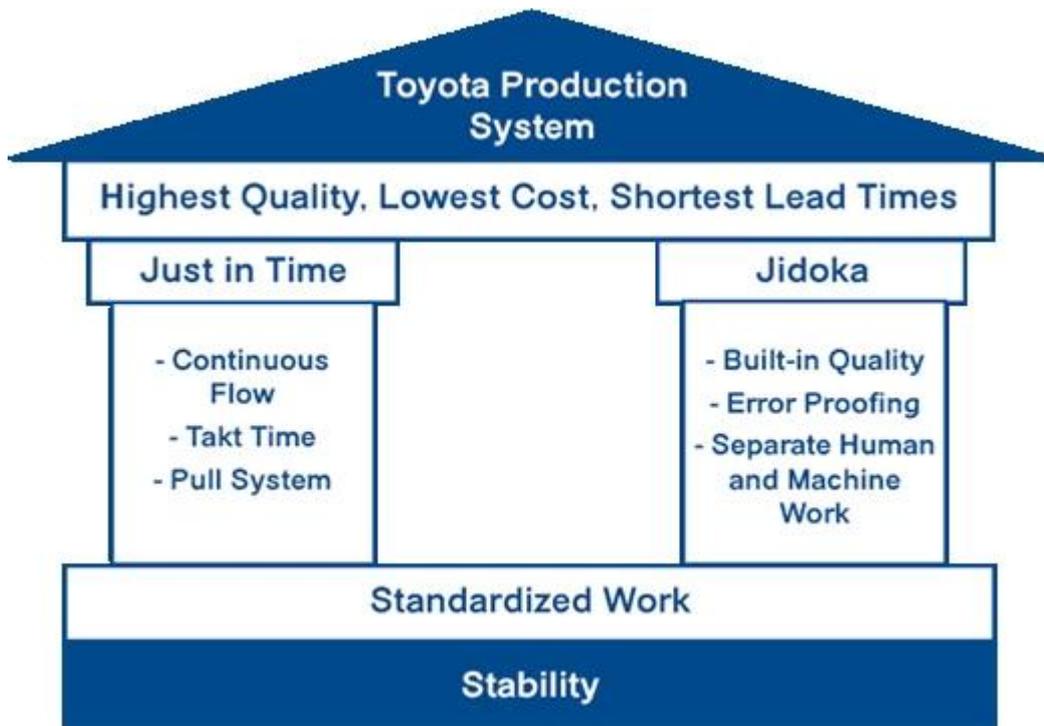
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3.

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4.

精益生产

# 7 Aspects Define a Digital Enterprise





- 2. 公司组织架构
- 3. 公司主要业务
- 4. 公司主要客户

5. 公司企业文化

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2019年Finehope公司获得的福建省排污许可证，证书编号为：910211-2016-0004-00



2020年Finehope公司获得的厦门市专精特新中小企业证书

证书编号为：XM2020-0001-0001-0001

2020年Finehope公司获得的厦门市专精特新中小企业证书，证书编号为：XM2020-0001-0001-0001

2020年Finehope公司获得的厦门市专精特新中小企业证书



2020年Finehope公司获得的厦门市专精特新中小企业证书





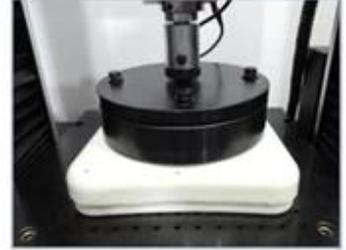
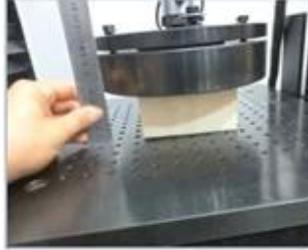
Tensile Test



Tear Resistance Test



Compressive Strength



Indentation Force Deflection

Final report template for a shoe sole analysis, organized into a grid of sections:

- Top Row (5 columns):**
  - Product information and material specifications.
  - Material properties and test results table.
  - Material properties and test results table.
  - Material properties and test results table.
  - Material properties and test results table.
- Second Row (5 columns):**
  - Material properties and test results table.
  - Material properties and test results table.
- Third Row (5 columns):**
  - Material properties and test results table.
  - Material properties and test results table.
- Bottom Row (5 columns):**
  - Material properties and test results table.
  - Material properties and test results table.

The report includes various tables, graphs, and diagrams, such as a stress-strain curve and cross-sectional diagrams of the shoe sole.





## Design Failure Mode and Effects Analysis (Design FMEA)

FMEA No.,  
DFMEA-001

Project Name: Injection moulding

Procedure responsible dept: Production Dept

Page: page 1, totally 3 pages

Made: Xiaodong Qiu

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				
													Action Taken	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 2015/09/25	By adjusting the product of the injection molding process, and measure or test product size	6	1	1	6
scyphus	warpage 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 tilt, 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

Item:Welding improvement  
项目:焊接改善

Process Responsibilities: Production welding group  
过程职责: 生产焊接组

Maker:Wenrong-Huang

Model year/project  
型号年/项目

Key Dates  
关键日期

FMEA Date (Original):2015.03.25

Item 项目	Potential failure mode 潜在失效模式	Potential consequences of failure modes 失效的后果/失效模式	Severity 严重度	Grade 等级	Potential causes of failure 失效的潜在原因	Occurrence degree 发生率	Current process control and prevention 现行过程控制/预防	Current process control detection 现行过程控制检测	Detection rate 检测率	RPN	Suggest measures 建议措施	Responsibility and target completion date 职责及目标/完成日期	Measure results 改善结果				
													Measures and effective date 措施及生效日期	Severity 严重度	Incidence rate 发生率	Detection degree 检测度	RPN
Clamping (clamping required is in place, no missing or wrong loaded) 锁紧(锁紧到位,无漏装,无错装)	Clamping is not in place 锁紧不到位	SizeNG 尺寸NG	6	B	● Staff negligence 人员作业疏忽 ● Fixture for bad 夹具定位不良	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 目视检测 ● Finished 100% full inspection 完成100%全检	6	144	● Pre-service training of staff 人员岗前培训 ● Regular maintenance 工后定期维护		6	3	4	72	
	Welding error, leak 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 人员作业疏忽 ● Fixture for bad 夹具定位不良 ● Fixture 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 制定夹具定期检查	Visual inspection 目视检测	6	192	● Pre-service training of staff 人员岗前培训 ● Regular maintenance 工后定期维护 ● Make inspection checklist for fixture 制定夹具检查清单		8	3	4	96	
	Attachments missing 附件漏装	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 目视检测	4	96	Final inspection personnel do 100% full inspection for each bead with mark 最终检查人员100%全检,并做标记		8	2	2	32
	Attachment error 附件错装	Influence assembly 影响装配		7	A	No mistake proofing fixture 没有防错装置	3	Make the operation standard book 制定作业标准书	Visual inspection 目视检测	5	126	● Increase the mistake proofing devices 增加防错装置 ● Inspection for final inspection tools 最终检查工具的检查		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,速度设定不合理	4	● Welding process guidance making 制定焊接工艺指导书 ● Condition confirmation check 加工条件确认表格 ● Confirm the failure test on a regular basis. 最终检查加工条件确认表格	Destructive testing 破坏性检测	8	288	After the procedure is set up to confirm the processing conditions, the execution and marking of the failure test is performed. 最终检查加工条件确认表格		9	3	4	108	



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



**Krauss Maffei**

Finehope Kraussmaffei 2010

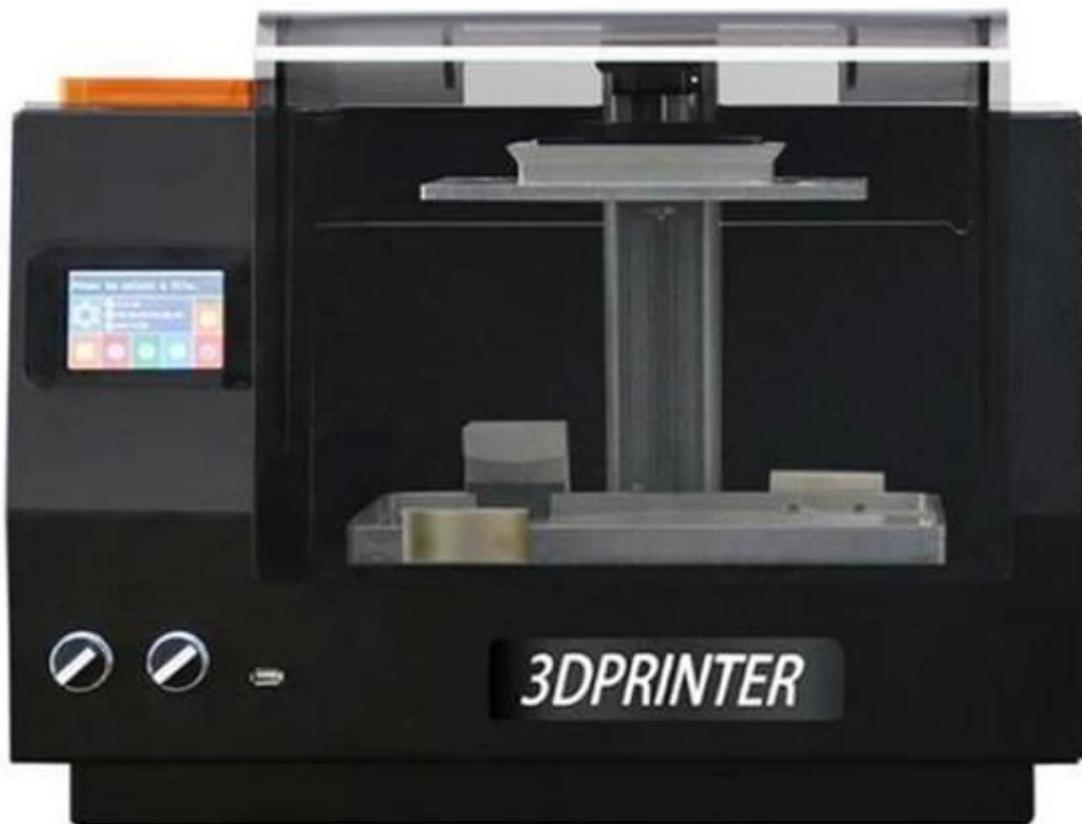




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### 3D

Finehope 2015 3D 3D

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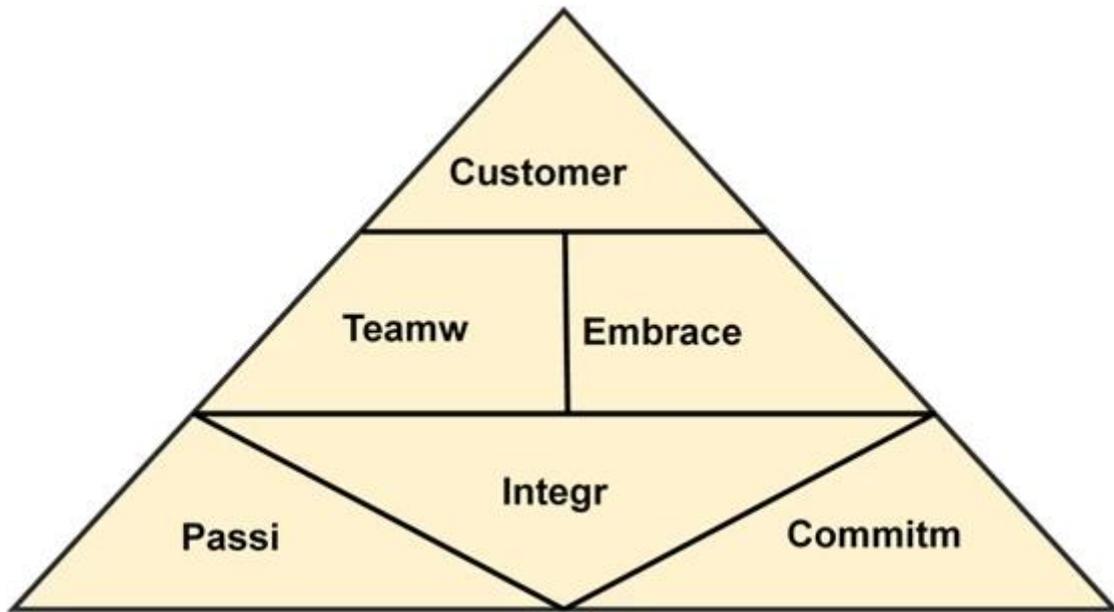
- Strictly follow SA8000
- public-spirited



Voluntary tree planting after Super Typhoon Meranti 2016



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Amanda



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