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Certificate

Certificate No.: 11420Q46208R0M

This is to certify that the Quality Management System of

FINEHOPE (XIAMEN) NEW MATERIAL TECHNOLOGY CO., LTD.

Unified Social Credit Code: 91350200612047 82X4

No. 466, Jiutianhu Road, Xinghai Industrial Zone, Jimei District, Xiamen City, Fujian Province, China

Has been audited to conform to the following Quality Management System standard

GB/T19001-2016/ISO9001:2015

This Quality Management System is valid for the

The manufacture of polyurethane foam products (Soft polyurethane foam products for construction machinery accessories, agricultural machinery accessories and sports equipment accessories; rigid polyurethane foam products for building decoration; elastomer polyurethane foam products for mechanical parts; soft polyurethane floor mats for home and office use)

Issued by: Beijing East Allbrech Certification Center Co., Ltd.

EACC IAF CNAS

**ISO 9001 □□□.**

Finehope HAS. 2003 □□□ ISO 9001 □□□□ □□□□ □□□□□.

Certificate of Registration

nqa

This is to certify that the Quality Management System of

**Finehope (Xiamen) New Material Technology Co., Ltd.**
Floor 1, 2, 4, Factory Building 1, No. 498, Jutianhu 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 5ZX, Bedfordshire, England

against the provisions of

**IATF 16949:2016**

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

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

Managing Director

| | |
|---|---|
| NQA Certificate No. | T87361 |
| IATF Certificate No. | 0403309 |
| Date: | 06 June 2021 |
| Valid Until: | 05 June 2024 |
| Version: | 1 |

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**IATF16949 □□.**

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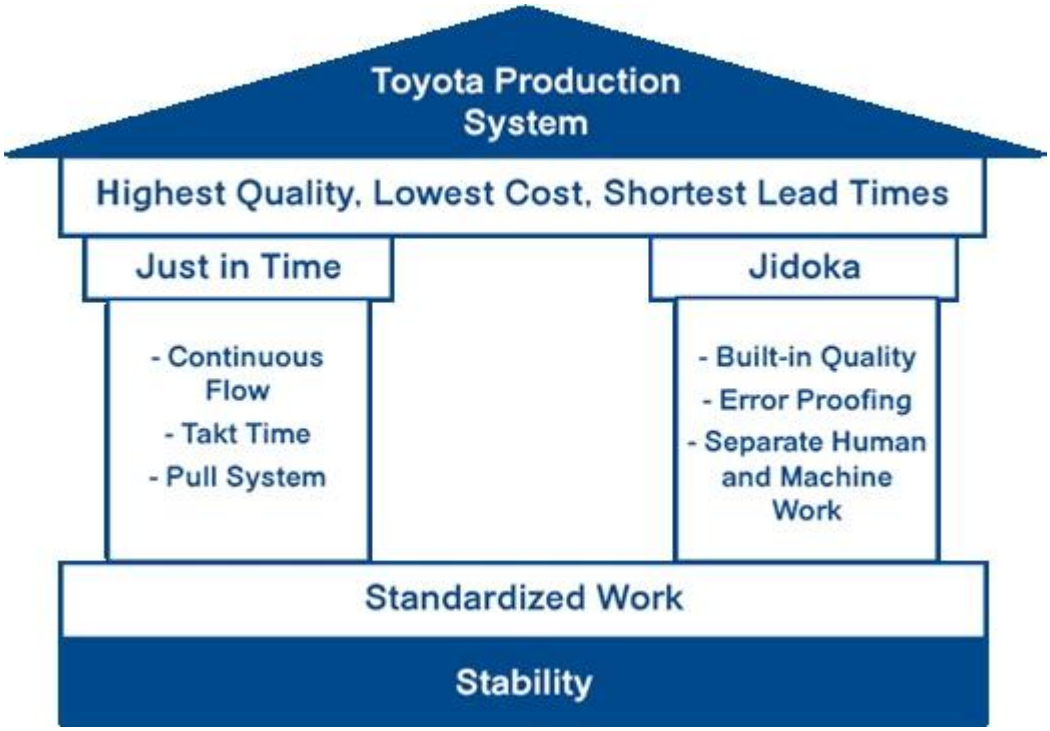


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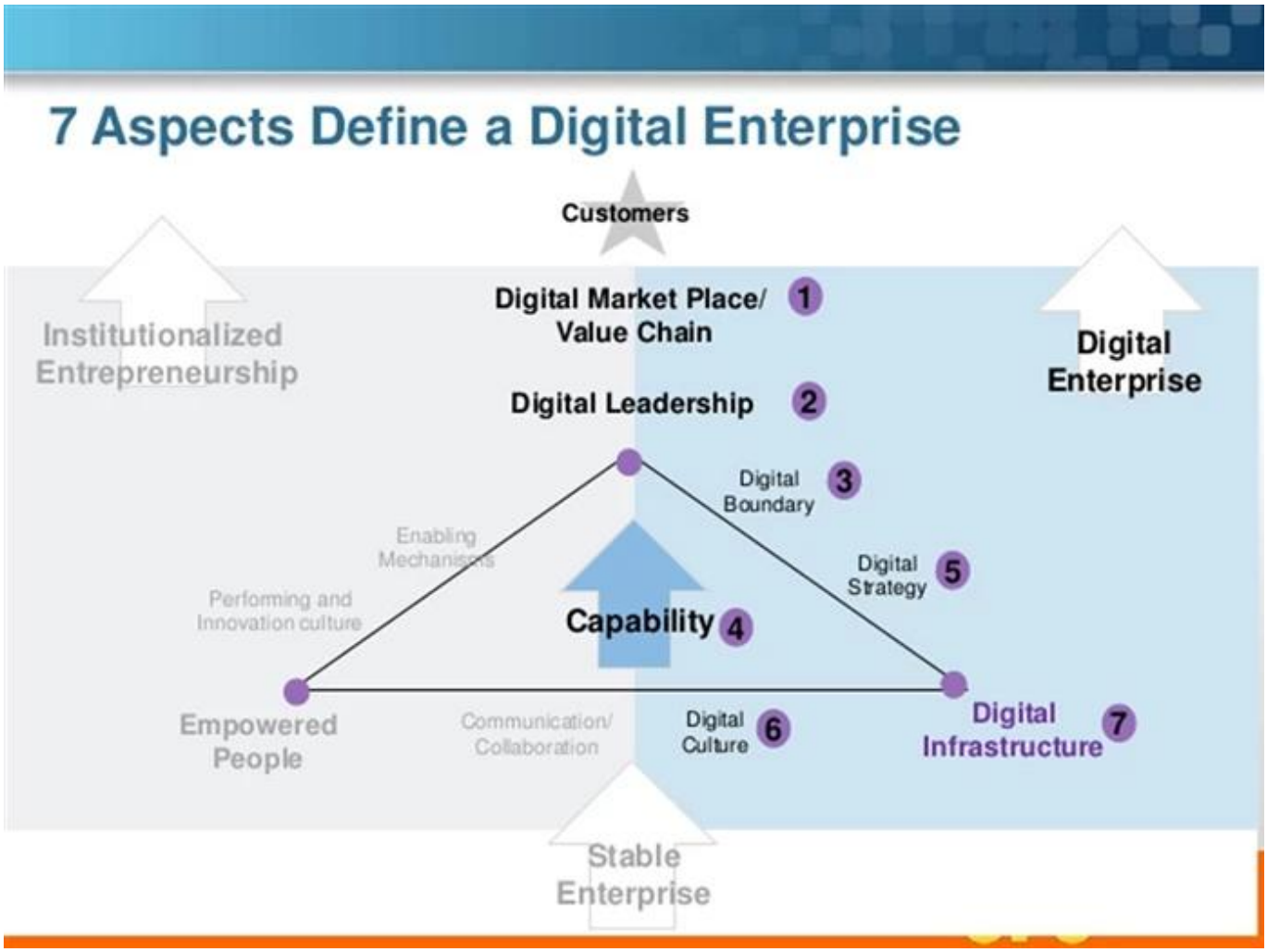

## Famous customer

Cooperation experience

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**2. Finehope□ □□□□ □□□ □□□□□?**

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**3. Finehope□ □□ □□□ □□□□ □□□□□?**

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**4. Finehope□ □□ □□□ U.s□ □□□□ □□□□□?**

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Verified Supplier Certificate
Verified
Finehope (Xiamen) New Material Technology Co., Ltd.
飞虎（厦门）新材料科技股份有限公司
Alibaba.com

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证书编号： AIITRE-008208IIMS0052601
Certification no.: AIITRE-008208IIMS0052601

SAQM

两化融合管理体系评定证书

Integration of Informationization and Industrialization Management System Certificate

兹证明 Hereby approve

飞虎（厦门）新材料科技股份有限公司

Finehope(Xiamen) New Material Technology Co., Ltd 's

《信息化和工业化融合管理体系 要求》（GB/T 23001-2017）

Informationization and Industrialization Management System Requirement(GB/T 23001-2017)

位于厦门市集美区杏北工业区九天湖路466号的飞虎（厦门）新材料科技股份有限公司，与订单快速交付能力建设相关的两化融合管理活动。

Finehope(Xiamen) New Material Technology Co., Ltd , locate on No.466 Jiutian Lake Road, Xingbei Industrial Area, Jimei, Xiamen, refer to order quick fulfill ability construction related Informationization and Industrialization Management activity.

发证日期：2020 年 01 月 13 日

Date of issue: Jan 13th, 2020

有效期至：2023 年 01 月 13 日

上海质量管理科学研究院

Shanghai Academy of Quality Management

授权代表

Authorized representative

System Assessment

体系评定

AIITRE-A008-IIMS

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Fiscal Year 2020
CERTIFICATION OF REGISTRATION

This certifies that:

**Finehope (Xiamen) New Material Technology Co.,Ltd.**
**NO. 466 Jiu-tian-hu Road Xinglin , Jimei, XIAMEN, Fujian, 361022, CHINA**
has completed the FDA Establishment Registration (as manufacturer , foreign exporter, contract manufacturer ) and Device Listing with the US Food & Drug Administration, through

U.S. Agent for FDA Communications: SUNGO TECHNICAL SERVICE INC.
6050 W EASTWOOD AVE APT 201, CHICAGO, ILLINOIS 60630, USA
Telephone: +1-855-987-7770 / E-mail: sungo.group@yahoo.com

**Registration Number:3014535570**
**Device Listing#: See annex**

*SUNGO Technical Service Inc. will confirm that such registration remains effective upon request and presentation of this certificate until the end of the calendar year stated above, unless said registration is terminated after issuance of this certificate. SUNGO Technical Service Inc. makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. This certificate does not denote endorsement or approval of the certificate-holder's device or establishment by the U.S. Food and Drug Administration. SUNGO Technical Service Inc. assumes no liability to any person or entity in connection with the foregoing.*

*Pursuant to 21 CFR 807.39, "Registration of a device establishment or assignment of a registration number does not in any way denote approval of the establishment or its products. Any representation that creates an impression of official approval because of registration or possession of a registration number is misleading and constitutes misbranding." The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. SUNGO Technical Service Inc. is not affiliated with the U.S. Food and Drug Administration.*

Sungo FDA

Executive Director
Issued: Dec. 19 2019
Cert. No.: 2006/0756528
Expiration Date: Dec. 31 2020

SUNGO CHINA OFFICE Tel: 021-68628052 Email:Shage2008@126.com Website: www.sungoglobal.com
Add: 13F Floor, No.1500 Century Avenue, Shanghai 200122, P.R.China

**FDA □□.**

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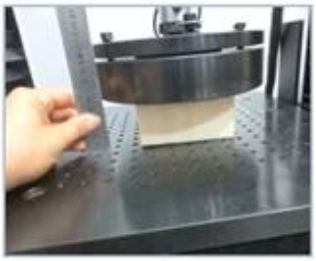
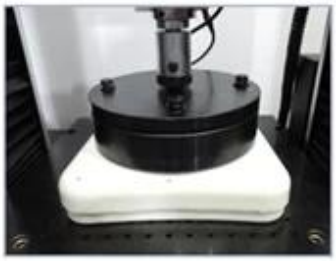
Tensile Test

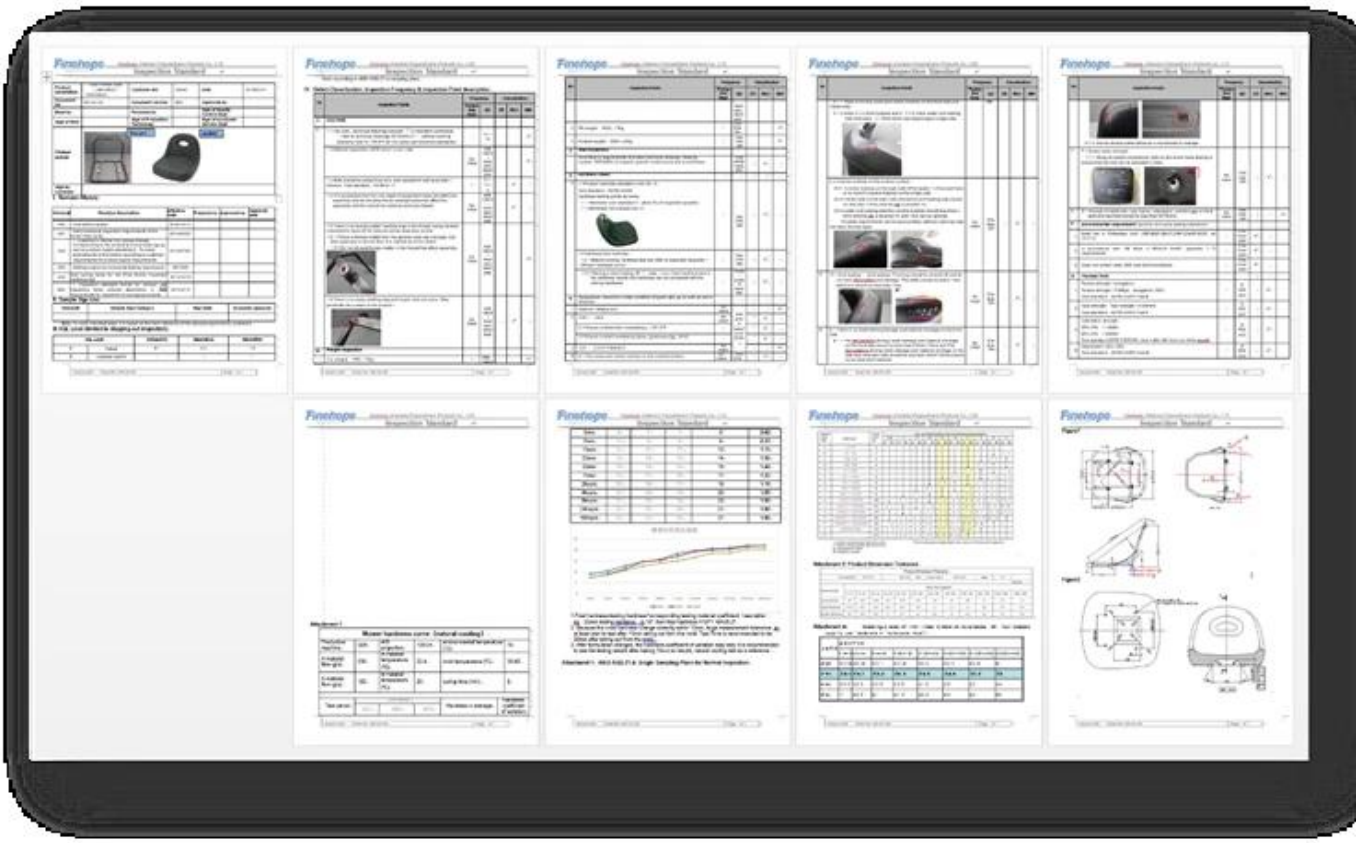
Tear Resistance Test

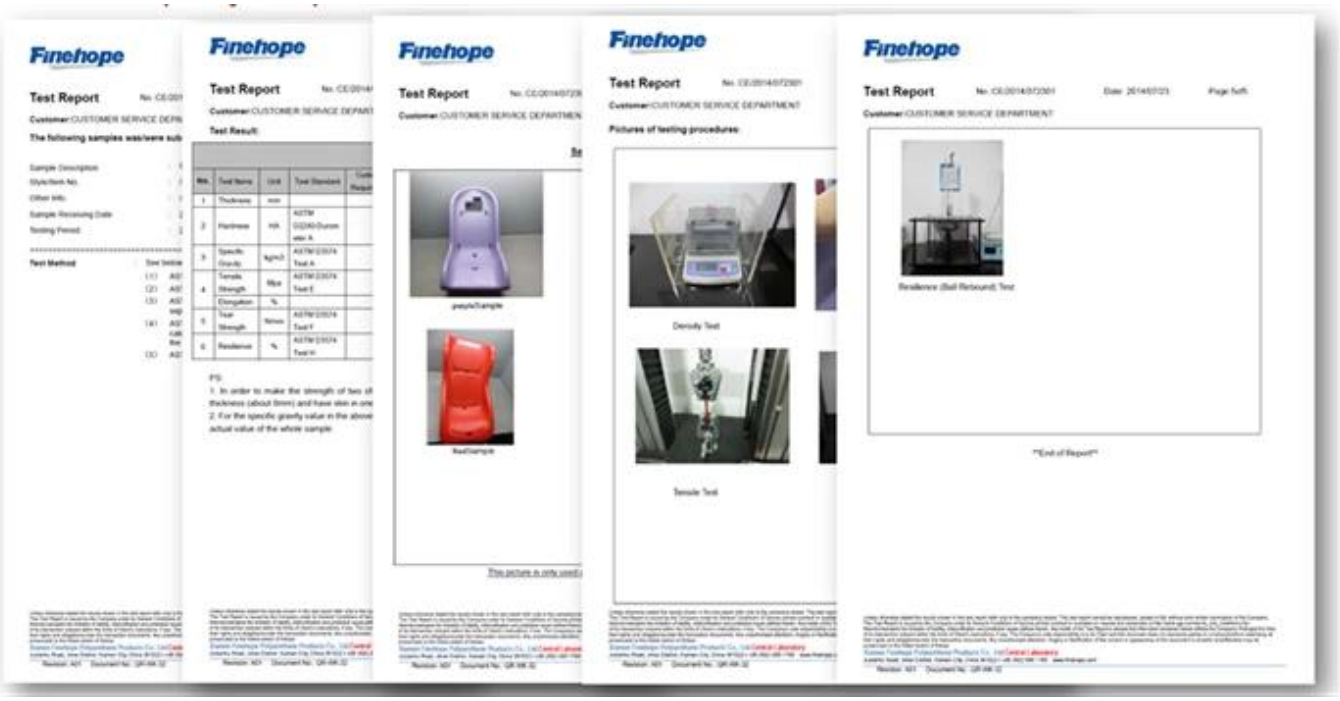
Compressive Strength





Indentation Force Deflection



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APQP □□□□□ □□□□□ □□□ □□□ □□ □□□ □ □□ □□□ □□ □□ □□□ □□□□□. □□ □□□□ □□ □□□ □□□ □□□□□□□□. □□□□ □□□ Finehope Designs □□□ □□□ □□□□□ □□ □□□ □□□ commanted□□□ □□□□. □□□ □□ □□□ □□ □□□□□□□ □□□ □□□ □□ □□. APQP. □ □□□□□ Finehope□ □□□ □□ □□□□ □□ □□ □ □□□ □□□□□. □□□ □□□□ □□□ □□□□ □□ □□□ □□□ □□□□. □□ □□.

Finehope **Advanced Product Quality Planning** Date: 01-Oct-17

| | | | |
|---|---|---|---|
| Customer | [redacted] | Project | [redacted] |
| Location | New Zealand | Finehope Contact | Wendy Yang |
| Customer Code | G1019 | Part No. | [redacted] |
| Risk Assessment | | Part Name | G1019Y04 |
| New : Site ☐ Technology ☐ Process ☐ | | Change Level/Date | |
| Other Risks ☐ | | User Plant(s) | Finehope |

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

| Build Level | Material Required Date | Quantity | No. Concurred SRCs | No. Concurred 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 Initials | Finehope Acceptance Complete | Remarks or Assistance Required |
|---|---|---|---|---|---|---|---|---|
| **AIAG APQP Phase 2 - Product Design and Development** | | | | | | | | |
| 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 | 2050 | 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) | 2090 | 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 | 2250 | 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 Reasiness 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 (PVP&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 | 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 | / |

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# Design Failure Mode and Effects Analysis

## (Design FMEA)

FMEA No.:
DFMEA-001

Page: page 1, totally 3 pages

Project Name: Injection moulding

Procedure responsible dept: Production Dept

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 | detectivity (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 2015/08/25 | 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
过程责任: 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 / Request 问题 | Potential failure mode 潜在失效模式 | Potential consequences of failure modes 失效的模式潜在后果 | 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 现行过程控制探测 | Detection rate 探测率 | RPN | Suggest measures 建议措施 | Responsibility and target completion date 责任及目标完成日期 | Measure results 措施结果 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Measures and effective date 采取的措施 | Severity 严重度 | Incidence rate 发生率 | Detection degree 探测度 | RPN |
| Clamping (clamping required is in place, no missing or wrong loaded) 钳夹（钳夹需到位，无漏装，错装） | Clamping is not in place 钳夹不到位 | SizeNG 尺寸NG | 6 | B | ●Staff negligence 人员作业疏忽 ●Fixture for bad 夹具作动不良 | 4 | ●Make the operation standard book 制定作业标准书 ● Make maintenance standards, regular maintenance 制定保养基准，定期保养、维护 | ●Visual inspection 目视检测 ● Finished 100% full inspection 完检100%全检 | 6 | 144 | ●Pre-service training of staff 人员岗前培训 ● Regular maintenance 工装定期维护 | | | 6 | 3 | 4 | 72 |
| | | Welding error, leak welding, welding deviation, affect the assembly or use function 焊接错误，漏焊，焊接偏移，影响钳配或使用功能 | 8 | A | ●Staff negligence 人员作业疏忽 ●Fixture for bad 夹具作动不良 ●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 制定保养基准，定期保养、维护 ●Regular checking of fixture 对夹具定期检查 | Visual inspection 目视检测 | 6 | 192 | ●Pre-service training of staff 人员岗前培训 ●Regular maintenance 工装定期维护 ●Make inspection checklist for fixture 制作夹具检查点检查 | | | 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 终检人员100%全检，对 | | | 8 | 2 | 2 | 32 |
| | Attachment error 附件装错 | Influence assembly 影响装配 | 7 | A | No mistake proofing fixture 治具无防错 | 3 | Make the operation standard book 制定作业标准书 | Visual inspection 目视检测 | 6 | 126 | ●Increase the mistake proofing devices 增加防错装置 ●Inspection for final inspection tools 完检检具检查 | | | 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 制作焊接工艺指导书 ●Condition confirmation check 加工条件确认点检 ●Confirm the failure test on a regular basis. | Destructive testing 破坏试验检测 | 8 | 288 | After the procedure is set up to confirm the processing conditions, the execution and marking of the failure test is performed. 在程序设定加工条件确认 | | | 9 | 3 | 4 | 108 |

**Krauss Maffei.**

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Finehope□ □□□□□□□ CNC □□□ 2016 □□□ □□□□□□. CNC (□□□□ □□ □□) □□□ □□ □□□□□ □ □□□ □□□□□□□□ □□ □□ □□□□□. □□□ □□ □□□ □□□□ □□□□□□. □ □□□ □□□□□ □□ □□□ □□ □□□ □ □□ □□□□ □□□ □ □□□ □□ □□ □□, □□ □□, □ □ □□ □ □ □□□□□, □□□ □□□ □□□□ □□ □□□ □□□□□ □ □□□□□□.

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2019 □□□ Finehope□ HAS. □□□ □□□□□ □□ □ □□□□ □□□□ □□ □□ □ □□ □□, □□ □□ □ □□ □□ □ □□ □□ □□.

**3D □□□**

Finehope□ □□□□□□□□ 2015 □ 3D □□□□ □□□□□□. 3D □□□ □□□ □□□ □□□□ □ □ □□□□. □□ □□□ □□ □ □□ □□ □ □□□ □ □□ □ □□□□. □□□ □□□ □□ □□.

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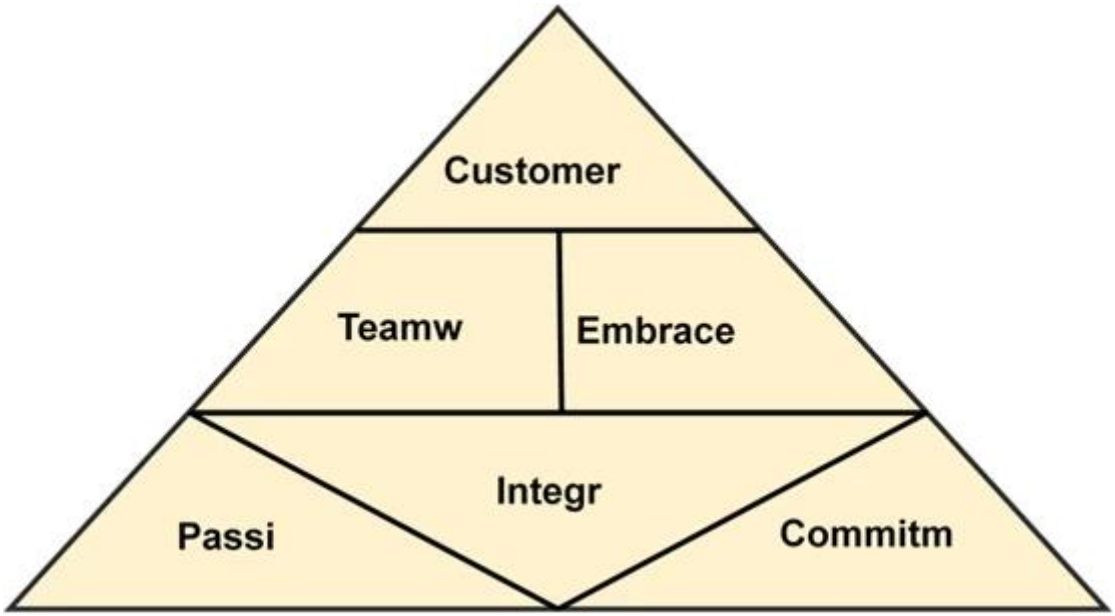
- Strictly follow SA8000
- public-spirited

Voluntary tree planting after Super Typhoon Meranti 2016

**NS □□ □□ □□**




**Polyurathane □ □□□ □□□□□, □□□□□ □□□.**

Amanda

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