



Presentation

ZON

ZON YIH Rubber Industrial Co., Ltd.
www.zon.com.tw

Milestone – ZON

- 1978:** In July, **ZON** officially established.
- 1979:** Built-up the first production factory, the headquarter. (28,800 sq. ft.)
- 1990:** Increased numbers of advanced inspection equipment and test instruments to reinforce and perfect the quality control program.
- 1994:** Cooperated with Chung-Shan Institute of Science and Technology, CSIST, to strengthen its position in the market segment of anti-vibration.
- 1996:** Increased vacuum forming machines.
- 1999:** ISO 9002 certified.
- 2000:** Cooperated with Taiwan Railways Administration.
- 2003:** QS 9000 certified.
- 2004:** Built-up 2nd production factory, 30,000 sq. ft., and start up using automatic inspection machine.
- 2009:** ISO 9001: 2008 Certified.
- 2012:** ISO 9001: 2008 Recertified in July.
- 2012:** Total Employees: more than 115 persons
Annual Sales Turnover: Up-to US\$9.3 Million
Exportation Markets: More than 20 countries in world-wide.
Total Production Area: 58,800 sq. ft. approximately.



Quality Certification - ISO 9001: 2008

“**Problem Prevention** and **Continuous Improvement**” is the key and promise from **ZON** to perform its commitments of quality and on time delivery to clients. The system of ISO 9001:2008 is a tool to secure our promise could be maintained and reinforced consistently.



**DNV BUSINESS ASSURANCE
MANAGEMENT SYSTEM CERTIFICATE**

Certificate No. 118373-2012-AQ-RUC-RvA

This is to certify that

Zong Yih Rubber Industrial Co., Ltd.

Site Name	Address	Site Scope/Main Activity
Zong Yih Rubber Industrial Co., Ltd. (Tan 3rd Street)	No. 8, Tan 3rd Street, Fuchia Area, Taichung City, 43700, Taiwan, R.O.C.	HQ, Design & Manufacturing
Zong Yih Rubber Industrial Co., Ltd. (Tan 2nd Street)	No. 28, Tan 2nd Street, Fuchia Area, Taichung City, 43700, Taiwan, R.O.C.	Sales & Manufacturing

has been found to conform to the Management System Standard:

ISO 9001:2008

This Certificate is valid for the following product or service ranges:

Design and Manufacture of Rubber Parts including O-Rings, Packings, Gaskets, Seals, Cups, Boots and Isolation Bushings.

Actual Certification date: July 25th, 2012

Place and date: Taipei, July 26th, 2012

This Certificate is valid until: August 14th, 2015

The audit has been performed under the supervision of: Sophia Kian, Lead Auditor

For the Accredited User: DNV CERTIFICATION B.V., THE NETHERLANDS

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.



GlobalGROUP
The Key to World Markets

Certificate of Registration

This is to certify that the

QUALITY MANAGEMENT SYSTEM

of

ZONG YIH RUBBER INDUSTRIAL CO., LTD.
No. 8, Tun 3 Street, Tachia Chien, Taichung Hsien, TAIWAN, R.O.C.

for

Design and Manufacture of Rubber Parts Including O-rings, Packings, Gaskets, Seals, Cups, Boots and Isolation Bushing.

has been assessed and registered against the provisions of

ISO 9001:2008
International Standard

With

Registration Number:	33Q10705	Project:	12-10705-1-Q
Certification Date:	16 August 2009	NACE:	DH 25.24
Recertification Due Date:	14 August 2012	Exclusions:	None
Certification Approved By:		Group Chief Executive Officer	

Registration is subject to the management system being continually maintained to the above standard under regular surveillance. Should surveillance not take place when required, registration shall be removed.

This certificate is the property of Global Certification Limited, Concorde House, Trinity Park, Birmingham B37 7UQ, England, United Kingdom

UKAS QUALITY MANAGEMENT 010376



Quality Control Concept - ZON

Quality Reinforcement and Improvement

ZON's R&D and Quality Assurance Lab equipped with exceptionally advanced facilities to secure and perfect our jobs. According to FMEAs program, Quality control becomes a part of new project at very beginning and the ISIRs will be forwarded to customers together with the first article delivery, and the PPAPs is made at the same time by QA people and ready for customers' request.

Within the first article process, every operator involved and trained by R&D and QA, in order to secure the quality in pilot-run and mass production stages in visible future. In order to reinforce and improve the production quality consistently and continuously, the weekly meeting among R&D, QA and Manufacturing departments is necessary to ZON.

Adopted QA/QC programs at **ZON**
IMDS, ISIRs, SPCs, PPAPs and FMEAs



Quality Control – Full Inspection

Hi-Tech Inspection Tools with Professional and Experienced Staff



Magnifying Monitor



Compound Mixing Machines

At Zong Yih, we process a wide variety of thermoset elastomers, including: Nitrile (NBR), Hydrogenated Nitrile (HNBR), Carboxylated Nitrile (XNBR), Viton (FKM), Ethylene propylene(EPDM), Silicone (VMQ), Fluorosilicone (FVMQ), Neoprene (CR), Natural Rubber (NR), Styrene Butadiene Rubber (SBR), ACM, ECO and more.



Production Facilities – Injection Molding M/C

- Rubber Injection Molding Machine – 200t/2 Sets
- Rubber Injection Molding Machine – 300t/13 Sets
- Rubber Injection Molding Machine – 500t/3 Sets
- Rubber Injection Molding Machine – 600t/1 Set
- Silicone Injection Molding Machine – 200t/1 Set
- Silicone Injection Molding Machine – 300t/1 Set
- Fitting Injection Molding Machine – 300t/1 Set



Production Facilities – Compression M/C

- Compression Machine – 200t/ 6 Sets
- Compression Machine – 300t/ 12 Sets
- Compression Machine – 1000t/ 1 Set



Production Facilities – De-flashing M/C

Liquid Nitrogen Frozen De-flashing Machine



Applies liquid hydrogen (freon) to enable freezing of processing objects. During the process, the objects will turn hard and brittle, followed by blasting of plastic sanding material to reach complete deflashing.

Production Facilities – Cutting M/C



Gaskets



Automatic Quality Inspection M/C



- **DOSS** (Italy) automatic inspection machine for 100% inspection of parts in dimension and surface control (O-rings, oil seals and irregular shaped parts).

Capability

- Size Limit: 40mm
- 8~10pcs per second
- ID, OD, flash and products overview
- Single surface inspection



Capability of Laboratory

- Carbon dispersion analysis
- Tensile Strength Instrument
- 2.5D Digital Profile Projector
- Rheometer Device
- Density/Specific Gravity Meter
- level Instrument



Capability of Laboratory

- O-zone
- Weather Resistance
- Compression Set
- Heat Resistance



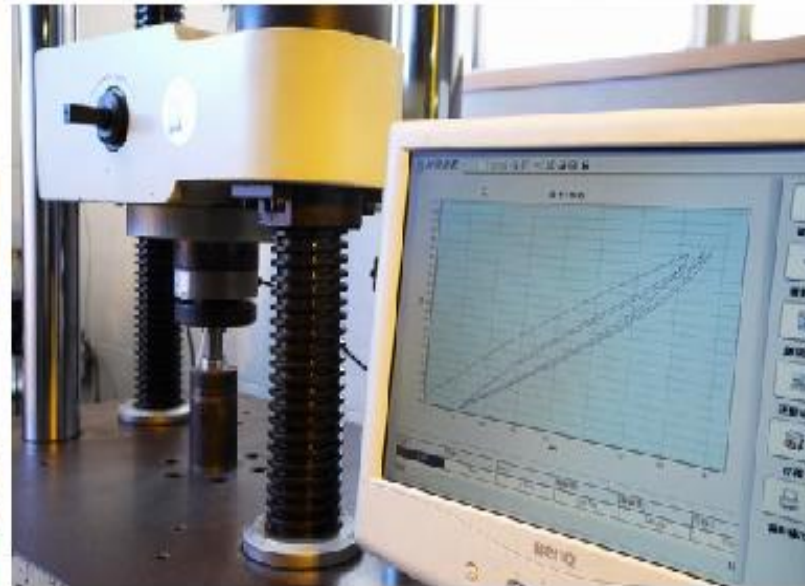
- Tear Resistance
- Fluid Resistance
- Oil Resistance
- Low / High Temperature Resistance
- Abrasion Tester



Capability of Laboratory

Torsion Stiffness

- Compression-Deflection Resistance
- Dynamic Test Device



Adopted Material Resources



- SBR
 - Nitrile (NBR or BUNA-N)
 - Natural Rubber
 - Urethane (PU)
 - Neoprene (CR)
 - HNBR
 - Silicones (VMQ)
 - EPDM
 - Viton (FKM)
 - Fluorosilicone
 - ACM
 - IIR
 - Hyplon (CSM)
 - ECO
 - Many More
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- **Material Property Advantage**
 - FDA grade
 - NSF grade



ZONG YIH Rubber Products ▶▶ Various Industrial Applications



Anti-vibration mounts

Bushing, Isolator





Stud mounts & Swivel feet

Vibration Mount





Automotive Components

Boot





Valve Packing

Hydraulics





Pneumatic tool grip





Custom Molded Parts





Various Rubber Components of R/C car



Keys for Your Headaches ▶▶▶ ZON



Zong Yih Rubber





ISO 9001: 2008

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