



## MILESTONES OF HLN QUARTERLY NEWSLETTER

HLN Technologies Limited is proud to launch its first Quarterly Newsletter on 4th January 2006. The main objective of this Newsletter is to facilitate better communication between the company and the stakeholders; which include the shareholders, suppliers, employees, customers and society in general.

The main content of the Newsletter will encompass latest developments of the company and its overseas subsidiaries. Information provided will be succinct and selective. An editorial team was formed to manage this periodical project.

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## OFFICIAL LISTING OF HLN TECHNOLOGIES

HLN Technologies Limited was officially listed on Sesdaq, the SGX-ST Dealing and Automated Quotation System, on 25 November 2005. It is involved in the manufacture and sale of a wide range of customized precision elastomeric and polymeric components, which are used in a variety of industries principally in office automation, consumer electronics and automotive industries. Its production facilities are located in Singapore, Batam, Indonesia and Suzou, PRC and supported by sales offices in Singapore, Batam, Indonesia and Suzhou, PRC.

## HLN RUBBER SELECTED AS BREMBO FIRST ASIAN SUPPLIER

HLN Rubber Products Pte Ltd, the wholly-owned subsidiary of HLN Technologies Limited, was officially qualified by Brembo as its first Asian supplier. Brembo is the largest manufacturer of brake system and is listed on Milan Stock Exchange, Italy. It has an annual turnover of Euro 678 million and it operates in 3 continents with production plants in 9 countries with sales in more than 80 countries globally. Its customer base includes Porsche, Ferrari, Chrysler, Mercedes, BMW, Fiat, etc.

This is indeed a milestone for the company as HLN has been selected from a stringent pool of suppliers from Taiwan, Korea, Japan, India and China. Being the first Asian supplier to be qualified, HLN has proven that it has one of the highest standards for material development, quality system and professionalism that has pivoted the company one of the best elastomeric suppliers in the world.

The company will continue to work very closely with engineers from Brembo to develop and supply unique elastomeric components used in critical brake systems.

## PRODUCT EXTENSION & EXPANSION

HLN Micron Pte Ltd, a wholly owned subsidiary of HLN Technologies Limited, was incorporated on 22 December 2005. HLN Micron will be engaged in the manufacture and sale of precision machining and turned parts and other metallic components which will further complement HLN Technologies's existing core businesses. The addition of this precision machining business will further enhance HLN Technologies' market presence through a wider and integrated product offering for existing and new customers.

With this new business unit, HLN Technologies Limited has one of the most comprehensive product proposition for its valued customers; namely elastomeric, polymeric and metallic product ranges.



## RESEARCH & DEVELOPMENT

### HLN EPDM 70 IRHD ELASTOMER MATERIAL QUALIFIES BS6920 TESTS

BS6920 tests covers 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of water'. Rubber parts intended for use in contact with hot and cold portable water must pass the BS6920 tests.

This is a mandatory requirement by the Technical Committee of the Water Regulatory Advisory Scheme (WRAS), UK, which advises the Water Suppliers in the whole of UK.

The BS6920 tests are also valid in Germany, Netherlands, France, Australia, USA, etc.

WRAS approval/qualification will open up almost the entire global market for supply of rubber parts used in fittings, pipings, equipments etc., which transport or process or dispense water intended for human contact or consumption.

HLN have successfully developed EPDM Elastomer material having hardness 70IRHD, conforming to BS6920 requirements. This is in addition to the existing range of WRAS approved Silicone 50 IRHD and Silicone 70 IRHD elastomer material. HLN Technologies Limited would unveil a range of Elastomer material, in varying hardness degrees, conforming to BS6920 requirements, in the coming months to cater to the diverse requirements of the Water transport and dispensing Industry.

### HLN EPDM MATERIAL SCALES 200°C EVEREST

EPDM rubber material is traditionally used for applications which require superior environmental resistance, chemical resistance and good temperature resistance in the range -50 °C to 120 °C. EPDM elastomer components which can withstand 150°C is considered good enough.

HLN, have succeeded in developing EPDM material resistant to 200°C, with minimum change in hardness and little/no defects. The material is developed for Elastomer components for High End Disc Brake systems used in Premium car brands like Mercedes Benz, Porsche, BMW, Ferrari, Lamborghini, Maserati, etc and for SUV, and Light commercial vehicles of Mercedes Benz, BMW, Renault, Fiat, Chrysler, Nissan, Subaru, Iveco, etc and for the Super Motorbikes of Ducati, Aprilia, KTM, BMW, Bimota etc.

### HLN DEVELOPS FLUOROELASTOMER MATERIAL FOR OPTICAL STORAGE DEVICES

HLN, by their established strengths, both in terms of competent manpower and facilities in speciality elastomer compounding and processing, have successfully developed High End Fluoroelastomer (FKM) gaskets intended for optical storage devices like Hard-disk drives, CD-ROM drives, CD players and DVD players. The USP of the HLN gasket material is the absence/negligible amount of harmful volatiles known as 'outgas', which can damage the extremely sensitive components of optical storage devices.



## QUALITY ASSURANCE

### 2005 MILESTONES

2005 has been an eventful year for HLN Rubber Pte Ltd (Singapore), HLN Rubber Products (Suzhou) and PT Polymertech Rubberindo Tanahmas. HLN Rubber Products Pte Ltd (Singapore) and PT Polymertech Rubberindo Tanahmas have achieved a group certification for ISO 14001:2004 early September 2005. This new version of the Environmental Management System has included the legal requirements and we have successfully complied with all the legal requirements in Singapore and Indonesia. This has also boosted the environmental and safety knowledge of all our staff.

### "GREEN" INDUSTRY & TS16949

Moving forward, in addition to the ISO 14001:2004 certification, we have also ensured that we are "GREEN" in the industry. HLN Rubber Products Pte Ltd and PT Polymertech Rubberindo Tanahmas are ROHS (Restriction of Hazardous Substance) Compliant and have ensured that all our suppliers are "GREEN" in status. In December 2005, HLN Rubber Products (Suzhou) have followed suit and have received their ISO 14001:2004 certificate

We have started another milestone. This is to move our QS 9000 certificate to TS16949. The group has been working towards the requirements and we target to be certified by the end of 1<sup>st</sup> Quarter 2006.

### NEW CUSTOMER AUDIT

On top of certifications, new customer audits were conducted. HLN Rubber Products Pte Ltd (Singapore) and PT Polymertech Rubberindo Tanahmas have been through the 1<sup>st</sup> stage supplier audit by an Italian Automotive Supplier, Brembo and have been approved as a supplier. We are the first Asian supplier for this client.

## OVERSEAS SBUs

### (HLN SUZHOU)

企业的生存与质量有着密不可分的关系，在竞争日益激烈的今天，人们对质量的要求在不断的提升，从开始的产品本身质量要求；到后来的售后服务要求；甚至到现在，是否具有一个良好的企业文化氛围，也成为了客户评估良莠供应商的主要因素。同时客户对质量的判定又直接影响到公司的订单，也就直接影响了公司的效益！  
可以这样说，  
“效益是花，  
体系是茎，  
质量是根”是企业落实发展的根本原则。

HLN（苏州）自2004年投资落户在中国苏州-新加坡工业园区起，就始终坚持这一原则，持续不断的进行改善与提升，使用先进和稳定的测量设备与仪器，稳定的IQC, IPQC, FQC & OQC的管理系统，并以 FMEA, APQP 和 SPC 分析方式系统加以管理，以进行认定、检验和防止不良的产生。

在这样的原则下，同年12月，我们顺利通过了 ISO9001:2000 质量体系认证，今年9月又成功取得了 ISO14001:2004 质量体系认证，目前我们又在积极筹备着 ISO/TS16949:2002 的认证。通过这一系列机构和客户审核，更使我们坚信，质量是企业生存的命脉，是企业的基础。而运行和维护这些质量体系是保证质量，并使企业不断前进的有效工具。我们将始终运用这些工具来提高我们的质量，提升我们的企业形象和效益。