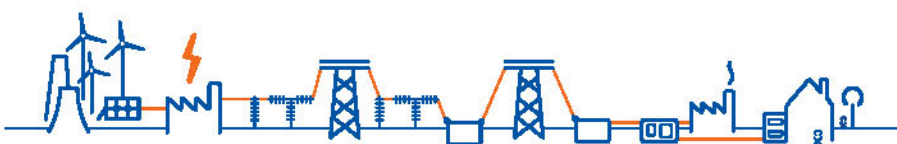


COMPANY PROFILE



COMPANY BACKGROUND



SGB MY

SGB MY Sdn Bhd was locally incorporated in 1994 and commenced its production in Nilai early 1996. Starkstrom Geratebau GmbH (SGB) Group of Companies are partnering SGB MY in all technical aspects, starting from design, production and manufacturing to quality control and assurance. Until end of 2009 more than 15,000 transformers in accordance to the top highest quality standards had been produced and shipped to satisfied customers all around the world.

SGB Group of Companies is one of the world's leading manufacturers of distribution, power and cast resin transformers with more than 60 years of experience in manufacturing high-quality transformers. SGB MY's factory is located in Nilai, Negeri Sembilan and fitted with a state of the art line of production which is manned by competent personnel

The manufacturing range of SGB MY consist of:

- Oil distribution transformers up to 5,000 kVA
- Cast resin transformers up to 6,300 kVA
- Power transformers up to 40 MVA

SGB MY plays an important role in the transformers industry

- both in Malaysia and Export Market within ASEAN, SAARC, Australia , Middle East & Africa.



COMPANY BACKGROUND



SGB CAST RESIN

SGB MY developed during the last years continuously and did its utmost to improve further quality and reliability for the benefit of its valued customers. With the purpose of supporting the business growth in Cast Resin Transformers essentially, the company has decided to open a new manufacturing facility called SGB Cast Resin in July 2009 which represents the latest and most modern state of the art of technology and design of manufacturing cast resin coils. Within ASEAN region there are no other manufactures of these kinds of transformers and Malaysia is taking with this development a unique position in ASEAN.

For any indoor installations in factories and commercial buildings, fire and pollution hazards are a great concern. Cast resin transformers are the answer to those problems. Fire risk is minimal since the insulation mass, namely the cast resin compound, combined with glass fibre conductor materials (copper or aluminium), is fire resistant and self-extinguishing. As cast resin transformers only require air for cooling there is no risk of coolant contaminating the environment. Cast resin transformers can be installed close to load centers, keeping the total installation cost to a minimum.

All cast resin coils and transformers are thoroughly checked and tested before leaving the factory. Tests are normally carried out according to IEC 6007-II standards, however tests according to national standards such as BS, AS, or ANSI can be performed upon request



FACT SHEET

CORPORATE MILESTONE

- 1994**
Establishment of AM SGB
- 1996**
Commencement of AM SGB production
Established first delivery to TNB
Production of first 2.5 MVA oil immersed transformer
- 1997**
Production of cast resin transformers
- 1998**
Achieved ISO9002 certification by TUV, Germany
- 1999**
Conversion of TUV ISO9002 certification to TUV ISO9001 certification
- 2003**
Production of first 15 MVA transformers
- 2005**
Manufactured first 10,000 units of transformer
Manufactured first 27 MVA transformer
- 2006**
Established significant export markets
- 2008**
Rolled-out 15,000 units of transformers
- 2009**
Manufactured first 30 MVA transformer and commenced production of 31.5 MVA transformer
Establishment of SGB Cast Resin
- 2010**
Rolled out more than 19,000 units of transformer
manufactured first 12.5 MVA
Auto transformer
- 2011**
Manufactured first 3.5 MVA transformers

- 2016**
CRT transformer Offshore IP54
30 MVA 66kV mobile Trafo
Successful type test of 1000kV 11/0.433kV, CRT for tenaga
- 2017**
Successful type testing of 2.5MVA – 33/11kV, oil immersed transformer for SESCO.
Successful type testing of 1MVA, 11/0.433 oval construction oil type transformer (TNB Specification)

SCOPE OF BUSINESS / ACTIVITIES

- Manufacture of oil immersed distribution transformers
- Only full-fledged manufacturer of cast resin transformers in ASEAN
- Test facilities for all routine, type and special tests for oil and dry type transformers
- An approved transformer manufacturer by the International Oil & Gas Industry
- Complete value added chain from marketing, design, procurement, production to dispatch
- Highly skilled design department to cope with International and Oil & Gas Standards
- After-Sales Service

Main markets / customers

Malaysia: Local Utilities Company

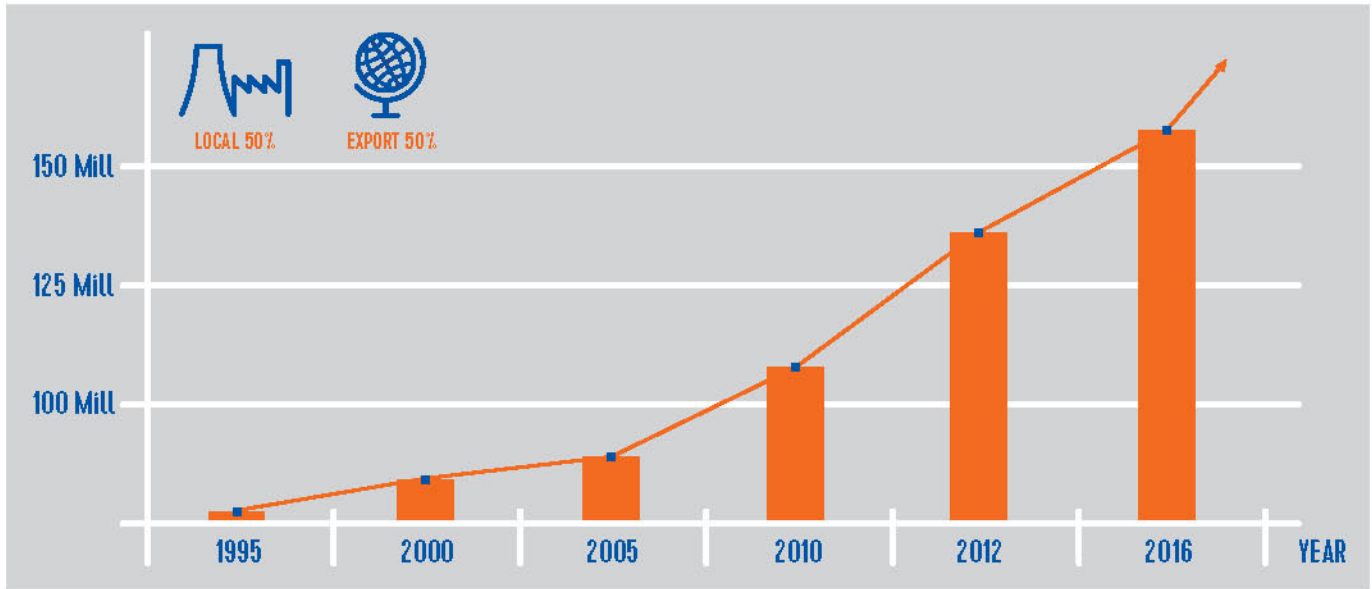
Major Oil & Gas Companies

Exports: Africa, ASEAN, Australia, USA & Middle East

PRODUCTION CAPACITY

- Oil type distribution transformer 2,500 units per year
- Power transformer 50 units per year
(System Voltage up to 72.5kV, Power rating up to 40 MVA)
- Cast Resin Coil 1,800 sets per year

FACT SHEET



QUALITY MANAGEMENT SYSTEM

ISO 9001 : 2015, certified by TUV Germany
 ISO 14001 : 2015, certified by TUV Germany
 OHSAS 18001 : 2001, certified by TUV Germany

SGB MY KEY PRODUCTION EQUIPMENT

- DTIPT core Assembly
- HV winding machines
- Power winding machines
- Foil winding machines
- Paint shop
- Oil treatment plant
- Vacuum drying ovens

IN-HOUSE TESTING FACILITIES

- Routine test laboratory
- Impulse test facility
- Partial discharge testing facility
- Sound ranging chamber
- Oil testing laboratory

SGB CAST RESIN KEY PRODUCTION EQUIPMENT

- Computerized HV winding machines
- Casting machine
- Vacuum drying oven
- HV coil PD test lab

LAND AREA

Total area	Office area	: 38,000 m ²
	Office area	: 950 m ²
	Production area	: 25,000 m ²
	SGB Cast Resin production area	: 1,400 m ²



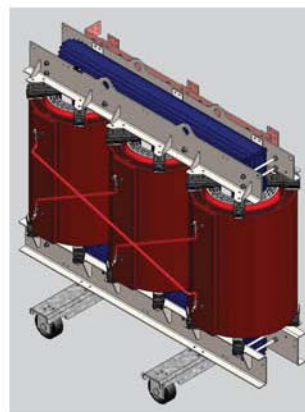
KEY PRODUCTION FACILITIES

QUALITY COMES FIRST AT SGB MY. OUR QUALITY MANAGEMENT SYSTEM HAS BEEN DEvised TO COMPLY WITH ISO 9001:2015 (SINCE 1988) AND ISO 14001:2015 (SINCE 2009) STANDARDS AND IS CERTIFIED BY THE INTERNATIONALLY RENOWNED TUV CERTIFICATION BODY.



OUR QUALITY POLICY:

“Our commitment to quality means to fulfill without compromise our commitments to our customers. We endeavor to develop and to manufacture transformers and to provide related services that are state-of-the-art and fit for purpose in every respect. We aim at producing the most reliable and durable transformers in our industry, thus providing our customers with excellent technical solutions at economical cost over the entire anticipated life time of our transformers.”



CERTIFICATE

ZERTIFIKAT ■ CERTIFICATE ■ 認證證書 ■ CERTIFICADO ■ CERTIFIKAT ■ CERTIFICATE

Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that

Your dedicated partner
of the SGB-SMT Group

SGB MY Sdn. Bhd.
PT 16688 & 16689,
Jalan Permata 2, Ayab-Malaysian Industrial Park
71800 Nilai, Negeri Sembilan
Malaysia

has established and applies
a Quality Management System for

Sales, design, production, fitting and service of
oil immersed distribution, medium power transformer
and cast resin transformers.

An audit was performed, Report No. 700 15947.
Proof has been checked that the requirements
according to

ISO 9001:2015

are fulfilled.

The certificate is valid in conjunction
with the main certificate from 2017-06-02 to 2020-04-10.
Certificate Registration No.: 12 104 1100307 TMS.

Product Compliance Management
March 2017-06/08

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Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that

Your dedicated partner
of the SGB-SMT Group

SGB MY Sdn. Bhd.
PT 16688 & 16689,
Jalan Permata 2, Ayab-Malaysian Industrial Park
71800 Nilai, Negeri Sembilan
Malaysia

has established and applies
an Occupational Health and Safety Management System for

Sales, design, production, fitting and service of
oil immersed distribution, medium power transformer
and cast resin transformers.

An audit was performed, Report No. 700 15947.
Proof has been checked that the requirements
according to

OHSAS 18001:2007

are fulfilled.

The certificate is valid in conjunction
with the main certificate from 2017-06-02 to 2020-04-10.
Certificate Registration No.: 12 116 1100507 TMS.

Product Compliance Management
March 2017-06/08

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Management Service

CERTIFICATE

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Your dedicated partner
of the SGB-SMT Group

SGB MY Sdn. Bhd.
PT 16688 & 16689,
Jalan Permata 2, Ayab-Malaysian Industrial Park
71800 Nilai, Negeri Sembilan
Malaysia

has established and applies
an Environmental Management System for

Sales, design, production, fitting and service of
oil immersed distribution, medium power transformer
and cast resin transformers.

An audit was performed, Report No. 700 15947.
Proof has been checked that the requirements
according to

ISO 14001:2015

are fulfilled.

The certificate is valid in conjunction
with the main certificate from 2017-06-02 to 2020-04-10.
Certificate Registration No.: 12 104 1100307 TMS.

Product Compliance Management
March 2017-06/08

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TUV®

CONTACT



SGB MY SDN. BHD.

Nilai • Malaysia
PT 16688 & 16689, Jalan Permata 2
Arab Malaysian Industrial Park
71800 Nilai, Negeri Sembilan, Malaysia
Phone +60 6 799 4014
e-mail sgbmy@sgb-smit.group



STARKSTROM-GERÄTEBAU GMBH

Ohmstraße 10 • 93055 Regensburg
Germany
Phone +49 941 7841-0
Fax +49 941 7841-439



SÄCHSIS CH-BAYERISCHE

STARKSTROM-GERÄTEBAU GMBH
Neumark • Germany
Phone +49 37600 83-0



ROYAL SMIT TRANSFORMERS B.V. / SMIT TRANSFORMER SERVICE

Nijmegen • The Netherlands
Phone +31 24 3568-911



SGB TRANSFORMERS INDIA PVT.LTD.

Tamil Nadu • 602 105
TEL: +91-44- 27156001 / 004



RETRASIB S.A.

Sibiu • Romania
Phone +40 269 253-269



SMIT TRANSFORMER SALES INC.

Summerville, SC • USA
Phone +1 843 871-3434



SGB-USA INC. / OTC SERVICES INC.

Louisville, OH • USA
Phone +1 330 871-2444



SGB CZECH TRAF0 S.R.O.

Na vyhlídce 1254
739 61 Trinec



SGB-SMIT ITALIA S.R.L.

Via Donizetti, 25
20017 Rho' (MI) • Italy
Phone: +39 02 93 0 53 11