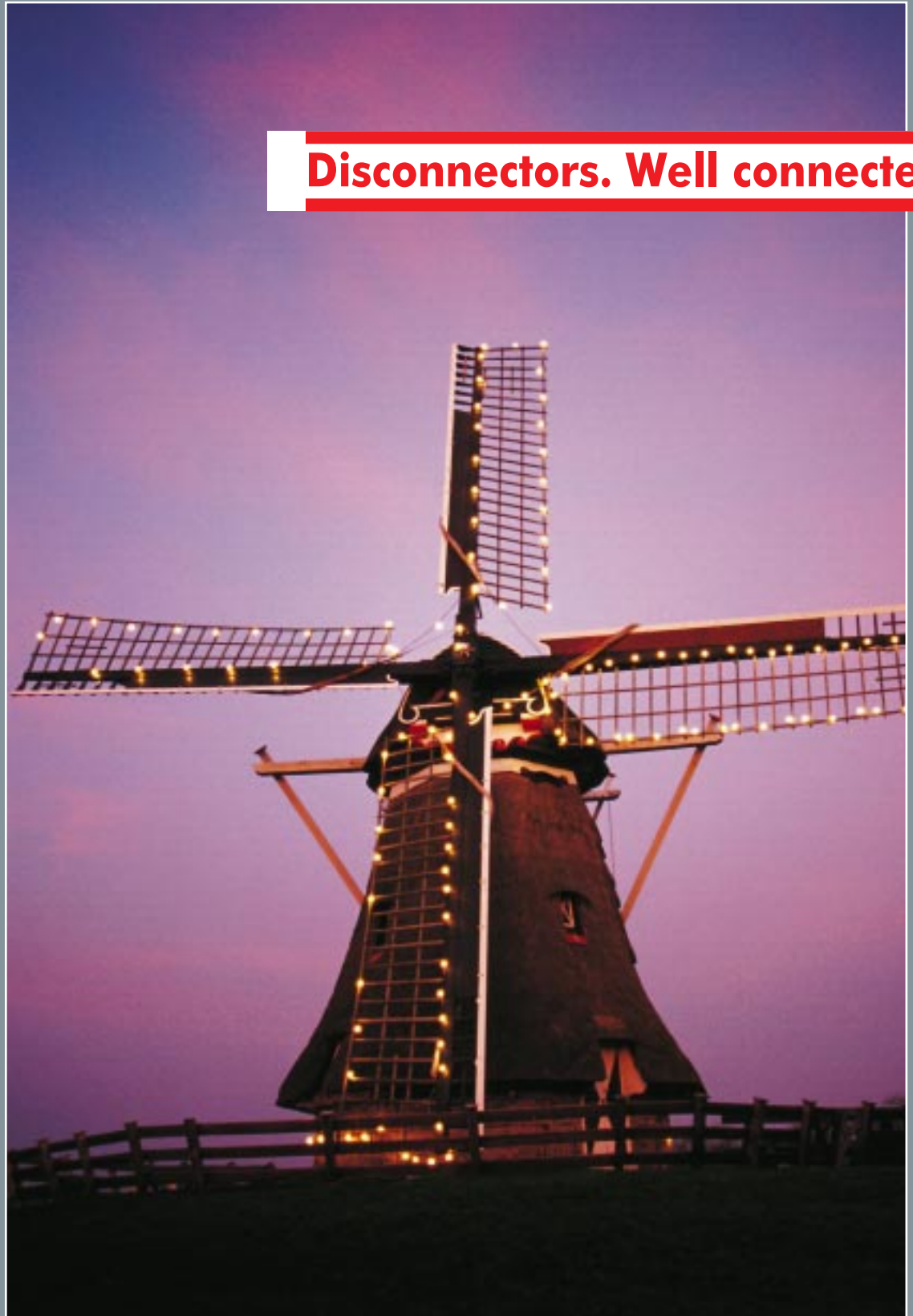


**Disconnectors. Well connected**



**HAPAM**



mission  
statement

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## **HAPAM** Mission Statement IN ENGLISH

We provide our customers with engineering, quality and design excellence, as well as after sales service, in the supply of high voltage disconnectors and associated equipment. We provide employment and earn profits. As a world-leading manufacturer of disconnectors, we are dedicated to contribute to improvement of the environment.

### **Quality Control**

Quality Assurance is a major requirement. HAPAM has made implementation of suitable quality systems one of its primary activities. Since 1995 HAPAM has maintained a Quality Control System in accordance with ISO 9001, certified by KEMA Laboratories, Arnhem, The Netherlands. Our equipment has been designed and tested in accordance with the latest international standards. Type test certificates are available for almost all our equipment from internationally recognized testing laboratories. HAPAM maintains a constantly updated Education Programme to improve the skills and know-how of its employees. After assembly, all products are tested according to the latest version of IEC and ANSI standards and/or customer specifications.

### **Testing Facilities**

HAPAM operates a well-equipped and modern testing facility to perform electrical, mechanical and temperature rise tests. Short-circuit and dielectric tests are carried out at internationally recognized testing laboratories.

### **Research & Development**

It is a continuous process to implement new techniques and materials to improve the quality and reliability of the equipment and to keep it in compliance with the ever improving standards and customer specifications.

### **After Sales Service**

HAPAM offers the following after sales service:

- Supply of spare parts during the lifetime of the equipment
- Supervision of installation and adjustment made by clients
- Installation & Maintenance services
- Technical assistance
- Worldwide emergency repair service

For these services HAPAM has a number of service engineers on stand-by for worldwide service and support. They are available at short notice.

All documentation is available and stored in both hard copy and electronic format.



Hapam B.V. was founded in 1925. The company is located in the centre of the Netherlands, 40 km east of Amsterdam.

As an independent manufacturer of High Voltage Disconnectors & Earthing Switches for outdoor and indoor substations, Hapam has supplied more than 100 000 disconnectors in over 80 countries worldwide. A large number of disconnectors still are in service for more than 40 years.

Hapam maintains a continuous policy of improving the disconnector design.

All relevant information gathered from operating experience worldwide and/or client specifications are included in state of the art design.

Hapam operates from modern and well equipped premises which have recently been extended to increase production capacity. The company is able to produce disconnectors and earthing switches in an efficient, computer-controlled process in order to fulfill the market requirements. Total area of premises are 15.000 m<sup>2</sup>, including storage and testing areas. The production capacity is over 3000 discon-

nectors per year.





In short, Hapam is a well-known manufacturer of disconnectors and earthing switches with an excellent performance and world-wide reputation. The continuous improvement of materials and technologies have resulted in disconnectors and earthing switches of high quality, which are easy to install and which need minimal maintenance.



### Applications

Hapam has extensive worldwide experience in the following areas:

- *Disconnectors for air-insulated substations*
- *Disconnectors for HVDC Interconnections*
- *Series Capacitor Banks isolating and by-pass disconnectors*
- *Severe ice load conditions*
- *Wide temperature ranges*
- *Seismic conditions*
- *On-load bus transfer switching*

<b>Product Range</b>		
	Two-columns Centre-break Disconnectors ranging from	<b>72,5 kV - 800 kV</b> <b>1600 A - 4000 A</b>
	Three-columns Double-break Disconnectors ranging from	<b>36 kV - 800 kV</b> <b>1250 A - 4000 A</b>
	Vertical-break Disconnectors ranging from	<b>123 kV - 800 kV</b> <b>1600 A - 4000 A</b>
	Pantograph Disconnectors ranging from	<b>123 kV - 800 kV</b> <b>2000 A - 4000 A</b>
	Free-standing or integrated Earthing Switches ranging from	<b>36 kV - 800 kV</b>
	Various types of motor and manual operating mechanisms	
<b>Accessories:</b>		
bus transfer contacts vacuum interrupters terminal connectors	arcng horns and contacts supporting structures	