



C E R T I F I C A T E

awarded to

Hitachi, Ltd. Power Systems Company Hitachi Works Power Device Production Dept.
2-2 Omika-cho-5
319-1221 Hitachi-shi, Ibaraki-ken
Japan

LRQA Lloyd's Register Quality Assurance Limited

confirms, as an IRIS approved certification body, that the Management System of the above organization has been assessed and found to be in accordance with the

International Railway Industry Standard (IRIS) **Revision 02, May 2009**

for the activity of Manufacturing & Design

for the scope of certification 20 (Single railway components)

Design, development and manufacture of IGBT and diode modules for railway industry.

Date of the audit: 29.01.2010

Date of issue of the certificate: 05.02.2010

Certificate valid until: 04.02.2013

Current date: 05.02.2010

Certificate-Register-No.: YKA4004414/IRIS1



this document has been produced by the Audit-tool V3.1.0.2 licensed to LRQA LIMITED

© 2010 UNIFE. All rights reserved

1 / 2

Lloyd's Register Quality Assurance Limited, 71 Fenchurch Street London EC3M 4BS United Kingdom. Registration number 1879370

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Enclosure 1 of Certificate No.: YKA4004414/IRIS1

**Hitachi, Ltd. Power Systems Company Hitachi Works Power Device Production Dept.
2-2 Omika-cho-5
319-1221 Hitachi-shi, Ibaraki-ken
Japan**

The location is supported by the following remote locations:

Address	Scope / Process
Hitachi, Ltd. Power Systems Company Hitachi Works Quality Assurance Division Power Device Quality Assurance Dept. Kaigan-Factory 3-1-1, Saiwai-cho, Hitachi-shi, Ibaraki-ken 317-8511 / Japan	Testing.
Hitachi, Ltd. Power Semiconductor Sales Dept. Industrial Systems & Solution Division Akihabara Dai Bldg., 1-18-13, Soto-kanda, Chiyoda-ku, Tokyo 101-8608 / Japan	Sales.
Hitachi Europe Ltd. Power & Industrial Systems Group Power Device Department Whitebrook Park, Lower Cookham Road, Maidenhead Berkshire SL6 8YA / UK	Sales

Signature



this document has been produced by the Audit-tool V3.1.0.2 licensed to LRQA LIMITED

© 2010 UNIFE. All rights reserved

2 / 2

Lloyd's Register Quality Assurance Limited, 71 Fenchurch Street London EC3M 4BS United Kingdom. Registration number 1879370

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



C E R T I F I C A T E

awarded to

Hitachi Haramachi Electronics Co., Ltd.
Hitachi, Ltd. Power Systems Company Hitachi Works Power Device Production Dept.
20, Obara Shimo-oota Haramachi-ku
975-0041 Minamisoma-shi, Fukushima-ken
Japan

LRQA Lloyd's Register Quality Assurance Limited

confirms, as an IRIS approved certification body, that the Management System of the above organization has been assessed and found to be in accordance with the

International Railway Industry Standard (IRIS) **Revision 02, May 2009**

for the activity of Manufacturing

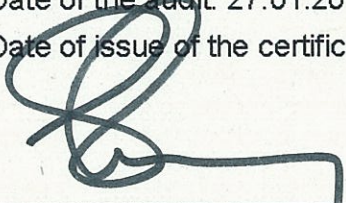
for the scope of certification 20 (Single railway components)

Manufacture of IGBT and diodes modules for railway industry.

Date of the audit: 27.01.2010

Date of issue of the certificate: 05.02.2010

Certificate valid until: 04.02.2013



Current date: 05.02.2010

Certificate-Register-No.: YKA4004414/IRIS2



this document has been produced by the Audit-tool V3.1.0.2 licensed to LRQA LIMITED
© 2010 UNIFE. All rights reserved

Lloyd's Register Quality Assurance Limited, 71 Fenchurch Street London EC3M 4BS United Kingdom. Registration number 1879370

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.