

DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 0001-5-1992-AQ-SEO-RvA

This is to certify that the Quality Management System of

HYUNDAI HEAVY INDUSTRIES CO., LTD. ELECTRO ELECTRIC SYSTEMS DIVISION

at

#1, Cheonha-Dong, Dong-Ku, Ulsan, Korea

has been fo<mark>und to confo</mark>rm to the Quality Management System Standard<mark>:</mark>

ISO 9001:2000, KS A 9001:2001

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

AT SCOPE AS PER SUPPLEMENT 'A'

Original Certification date: April 29th, 1992

This Certificate is valid until: February 23rd, 2007

Compliance to the Standard in respect to the indicated scope is verified by the DNV approved registered Team Leader:

Goo-Yun Hwang
Lead Auditor



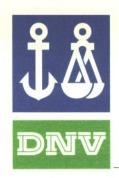
Place and date: Seoul, April 2nd, 2004

for the Accredited Unit:
DNV CERTIFICATION B.V.,
THE NETHERLANDS

In-Kyoon Ahn
Management Representative

Lack of fulfilment of conditions as set out in the Appendix may render this Certificate invalid.

DET NORSKE VERITAS B.V. Haastrechtstraat 7, 3079 DC Rotterdam, The Netherlands, TEL.INT.:+31 10 479 86 00, FAX:+31 10 479 71 41



DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

SUPPLEMENT 'A' TO: 0001-5-1992-AQ-SEO-RvA

Electro Electric Systems Division-1

The registration covers the design, manufacture, testing, installation and servicing of:

Transformers

Power and Distribution Transformers; Cast Resin Transformers; Dry Type Transformers; Special Purpose Transformers; Reactors

Rotating Machinery

High and Low Voltage Induction Motors; Synchronous Motors and Generators; Diesel Engine Generator Sets; Low Voltage Energy Saving Induction Motors; Low Voltage Single Phase Induction Motors; and Elevator Motors; Traction Motors and Generators for Electrical Car and Locomotive

Switchgear

Metal Clad and Metal Enclosed Switchboards; Motor Control Centers; Bus Ducts/Bus Ways; Marine Switchboards and Starters; Marine Control Consoles and Monitors; Protection Relay Boards and Distribution Boards; Compact Gas Insulated Switchgear (CGIS)

Original Certification date:

April 29th, 1992

The Certificate is valid: February 23rd, 2007

Compliance to the Standard in respect to the indicated scope is verified by the DNV approved registered Team Leader:

Goo-Yun Hwang

Lead Auditor



Place and date:

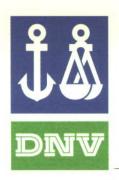
Seoul, April 2nd, 2004

for the Certification Unit: DNV CERTIFICATION B.V., THE NETHERLANDS

In-Kyoon Ahn
Management Representative

Lack of fulfilment of conditions as set out in the Appendix may render this Certificate invalid.

DET NORSKE VERITAS B.V. Haastrechtstraat 7, 3079 DC Rotterdam, The Netherlands, TEL.INT.:+31 10 479 86 00, FAX:+31 10 479 71 41



DET NORSKE VERITAS MANAGEMENT SYSTEM CERTIFICATE

SUPPLEMENT 'A' TO: 0001-5-1992-AQ-SEO-RvA

Electro Electric Systems Division-2

The registration covers the design, manufacture, testing, installation and servicing of:

Low Voltage Circuit Breakers

Moulde<mark>d Case Cir</mark>cuit Breakers; Mag<mark>netic C</mark>ontactors, Starte<mark>rs, Relays, an</mark>d Switches; Air Circuit Breakers; Vacuum Circuit Breakers; Vacuum Interrupters and Contactors; Contactor Breaker; and Thermal Overload Relay

High Voltage Circuit Breakers

SF6 Gas Insulated Switchgear, Type GIS and GCB. Components of the Switchgear include for GIS: Circuit Breakers, Disconnecting Switches, Earthing Switches, Lighting Arrestors, and VT and CT; and for GCB: Circuit Breakers, and CT

Power Electronics

Inverters for Industrial Motor and Electrical Vehicle; Electrical Equipment for Rolling Stock including Chopper Systems, VVVF Systems, Static Inverter and Train Monitoring Systems; UPS; Battery Charger; Instrumentation and Control Systems (PLC, SCADA, DCS and HVAC); Monitoring Systems

Original Certification date:

April 29th, 1992

The Certificate is valid: February 23rd, 2007

Compliance to the Standard in respect to the indicated scope is verified by the DNV approved registered Team Leader:

Goo-Yun Hwang

Lead Auditor



Place and date:

Seoul, April 2nd, 2004

for the Certification Unit:
DNV CERTIFICATION B.V.,
THE NETHERLANDS

In-Kyoon Ahn
Management Representative

Lack of fulfilment of conditions as set out in the Appendix may render this Certificate invalid.

DET NORSKE VERITAS B.V. Haastrechtstraat 7, 3079 DC Rotterdam, The Netherlands, TEL.INT.:+31 10 479 86 00, FAX:+31 10 479 71 41