



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 found to conform to the Quality Management System Standard:

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

Place and date:
Seoul, April 2nd, 2004

This Certificate is valid until:
February 23rd, 2007

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

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

Goo-Yun Hwang
Lead Auditor



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)*

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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

*Moulded Case Circuit Breakers ; Magnetic Contactors, Starters, Relays, and 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*

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