



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

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, 2007

This Certificate is valid until:

February 23rd, 2010

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



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MANAGEMENT SYSTEM CERTIFICATE

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

Electro Electric Systems – 1/2

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; Explosion Proof Motors (Type of Frameproof Ex d, Pressurized Ex p,
Increased Safety Ex e & Non-sparking Ex nA)*

Switchgear

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

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Electro Electric Systems – 2/2

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 ; Photovoltaic Module

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Place and date:

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