



DET NORSKE VERITAS

MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 56656-2009-AQ-KOR-RvA

*This is to certify that
the Management System of*

HYUNDAI HEAVY INDUSTRIES CO., LTD.

**SHIPBUILDING DIVISION
OFFSHORE & ENGINEERING DIVISION
INDUSTRIAL PLANT & ENGINEERING DIVISION
ENGINE & MACHINERY DIVISION
ELECTRO ELECTRIC SYSTEMS DIVISION
CONSTRUCTION EQUIPMENT DIVISION**

1, Jeonha-dong, Dong-gu, Ulsan, Korea

has been found to conform to the Management System Standard:

ISO 9001:2008, KS Q ISO 9001:2009

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, March 5th, 2010

This Certificate is valid until:

February 23rd, 2013

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*



Chan-Kook Park
Lead Auditor

In-Kyoon Ahn
Management Representative



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SUPPLEMENT 'A' TO : 56656-2009-AQ-KOR-RvA

1/4

Shipbuilding Division

Design and Manufacture of Ships including Barges, Drilling Ship (Rigs), FPSO, LNG(Moss & Membrane Type)/LPG Containment Systems and Special and Naval Ships(Surface Ship & Submarine)

Offshore & Engineering Division

*Design and Manufacture of Offshore Oil & Gas Production Facilities [Fixed Platforms (Jacket, Module, Topside), Floaters (FPSO, FSO, FPU, TLP), Submarine Pipeline System, Subsea System (Tree, Manifold, Control Systems)], Onshore Oil & Gas Treatment Facilities, Ships and LPG Carrier including Associated Services for Installation, Hook-up, Commissioning and Start-up.
Design, Manufacture and Installation of Complex Steel Building Structure and Major Steel Bridge*

Industrial Plant & Engineering Division

Design, Manufacture and Installation of Power and Heating Boiler, Pressure Containing Equipment, Heat Transfer Equipment, Desalination Plant, Process Equipment for Iron and Steel Mill, Steel Tower & Tubular Pole. Water Treatment Facilities, Steel Structures, Environmental Plant such as Incineration Plant, Desulfurization Plant and De-nitrogen Plant. Engineering & Design, Procurement, Construction Management Service and Site Construction Activities for Industrial Plant such as Power Plant, Oil Gas Processing Plants, Refinery Plants and Tank Farm, Civil Works and Building. Design and Manufacture of Offshore & Onshore Jacket, Module and Topside Facilities, Submarine Pipeline System, Floating & Mobile Offshore Units including Associated Services of Installation, Hook-up, Commissioning, Start-up and Maintenance

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2/4

Engine & Machine Division

Design and Manufacture of Two Stroke Diesel Engine, Four Stroke Diesel Engine, Marine Propellers, Pumps & Valves, Thruster, Press, Conveyor, Robots for Industrial Purposes, Steam Turbine, Gas Turbine, Diesel Power Plants, and Engine Components including Turbochargers, Crankshafts, Cylinder Liners, Forged Steel and Shafting

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 & Wind Turbine Systems

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), Wind Turbine

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3/4

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)*

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*

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4/4

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 l 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

Construction Equipment Division

Design, Manufacture and Associated Services of Wheel Loader, Excavator, Fork Lift, Skid Steer Loader, Backhoe Loader, Mini Excavator, Hydraulic Truck Crane, Dozer and Hydraulic Cylinder

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MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 56656-1-2009-AQ-KOR-RvA

*This is to certify that
the Management System of*

HYUNDAI HEAVY INDUSTRIES CO., LTD. SHIPBUILDING DIVISION

1, Jeonha-dong, Dong-gu, Ulsan, Korea
Gunsan Yard : 7, Bieungdo-dong, Gunsan-si, Jeollabuk-do, Korea

has been found to conform to the Management System Standard:
ISO 9001:2008, KS Q ISO 9001:2009

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

**Design and Manufacture of Ships including Barges, Drilling Ship(Rigs),
FPSO, LNG(Moss & Membrane Type) / LPG Containment Systems and
Special and Naval Ships(Surface Ship & Submarine)**

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Management Representative



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MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 56656-2-2009-AQ-KOR-RvA

*This is to certify that
the Management System of*

HYUNDAI HEAVY INDUSTRIES CO., LTD. OFFSHORE & ENGINEERING DIVISION

Head Office / 1/ shop : 1, Jeonha-dong, Dong-gu, Ulsan, Korea
2. Shop : 775, Bangeo-dong, Dong-gu, Ulsan, Korea

has been found to conform to the Management System Standard:

ISO 9001:2008, KS Q ISO 9001:2009

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

Design and Manufacture of Offshore Oil & Gas Production Facilities [Fixed Platforms (Jacket, Module, Topside), Floaters (FPSO, FSO, FPU, TLP), Submarine Pipeline System, Subsea System (Tree, Manifold, Control Systems)], Onshore Oil & Gas Treatment Facilities, Ships and LPG Carrier including Associated Services for Installation, Hook-up, Commissioning and Start-up. Design, Manufacture and Installation of Complex Steel Building Structure and Major Steel Bridge.

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Lead Auditor

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Management Representative



DET NORSKE VERITAS

MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 56656-3-2009-AQ-KOR-RvA

*This is to certify that
the Management System of*

HYUNDAI HEAVY INDUSTRIES CO., LTD. INDUSTRIAL PLANT & ENGINEERING DIVISION

1, Jeonha-dong, Dong-gu, Ulsan, Korea

has been found to conform to the Management System Standard:

ISO 9001:2008, KS Q ISO 9001:2009

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Design, Manufacture and Installation of Power and Heating Boiler, Pressure Containing Equipment, Heat Transfer Equipment, Desalination Plant, Process Equipment for Iron and Steel Mill, Steel Tower & Tubular Pole. Water Treatment Facilities, Steel Structures, Environmental Plant such as Incineration Plant, Desulfurization Plant and De-nitrogen Plant, Engineering & Design, Procurement, Construction Management Service and Site Construction Activities for Industrial Plant such as Power Plant, Oil Gas Processing Plants, Refinery Plants and Tank Farm, Civil Works, Building. Design and Manufacture of Offshore & Onshore Jacket, Module and Topsides Facilities, Submarine Pipeline System, Floating & Mobile Offshore Units including Associated Services of Installation, Hook-up, Commissioning, Start-up and Maintenance

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In-Kyoon Ahn
Management Representative



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MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 56656-4-2009-AQ-KOR-RvA

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HYUNDAI HEAVY INDUSTRIES CO., LTD. ENGINE & MACHINERY DIVISION

1, Jeonha-dong, Dong-gu, Ulsan, Korea

has been found to conform to the Management System Standard:

ISO 9001:2008, KS Q ISO 9001:2009

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

Design and Manufacture of Two Stroke Diesel Engine, Four Stroke Diesel Engine, Marine Propellers, Pumps & Valves, Thruster, Press, Conveyor, Robots for Industrial Purposes, Steam Turbine, Gas Turbine, Diesel Power Plants and Engine Components including Turbochargers, Crankshafts, Cylinder Liners, Forged Steel and Shafting

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Management Representative



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Certificate No. 56656-5-2009-AQ-KOR-RvA

*This is to certify that
the Management System of*

HYUNDAI HEAVY INDUSTRIES CO., LTD. ELECTRO ELECTRIC SYSTEMS

1, Jeonha-dong, Dong-gu, Ulsan, Korea
Solar Energy Department : 169, Daejang-ri, Soi-myeon, Eumseong-gun, Chungcheongbuk-do, Korea

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