



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

*Application of the Council Directive 97/23/EC of 29 May 1997 on Pressure Equipment,  
as amended, and Swedish ordinance AFS 1999:4*

CERTIFICATE NO. 42755700

This Certificate consists of 2 pages

*This is to certify that the equipment*

**Assembly**

*with the type designation/equipment description*

**district heating central DHS 1000**

*Manufactured by*

**NordIQ Göteborg AB**

*is found to comply with*

the requirements in Annex I, Essential Safety Requirements  
and EN 13445

*The equipment has been examined with respect to the procedure of conformity assessment as  
described in **Module B***

*Applications*

*Equipment Category : II*

*Design Pressure min/max. : 0 / 16 bar(g)*

*Design Temp. range : 120 °C*

*Medium : water*

*Further details of the product and conditions for the certification are given overleaf.*

*Place and date*

Stockholm, 2004-10-15

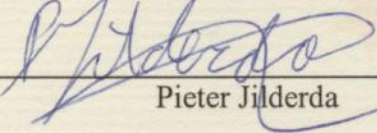
Notified Body No.:

0409

*This Certificate is valid until*

2014-10-15

DET NORSKE VERITAS INSPECTION AB

  
Pieter Jilderda

Notice: The certificate is subject to terms and conditions, if any, overleaf. Any significant changes in design or construction of the product, the quality system or amendments to the AFS 1999:4 (Directive 97/23/EC) or Standards referenced above may render this certificate invalid. The product liability rests with the manufacturer or his representative in accordance with the AFS 1999:4 (Directive 97/23/EC), as amended.



Cert. No.: 42755700

### **Limitations**

Design values consider the primary circuit. The secondary circuits consist of hot service water system with design values of max. 9 bar and 95 °C resp. heat water system with design values of max. 6 bar and 95 °C.

Welding procedures are not included in this approval.

### **Type Approval documentation**

Flowchart 7004-1000-V201 dated 2004-08-30

DNV installation control report dated 2004-10-07

PMA DIN 17175 St 35.8 rev. 4 dated 2002-05-22

Heat exchangers EC-Type Examination Certificate No. 0662/045/02  
dated 2002-07-31

Risk Analysis 7052-ADM-001DD01 dated 2004-05-17

Design Description 7052-HW-002DD\_DHS

Installation and Service Manual

### **Tests carried out**

DNV installation report dated 2004-10-07

### **End of Certificate**

# KONTROLLRAPPORT

2004-10-07



1(1)

**DNV**

Uppdragsgivare  
NordIQ Göteborg AB

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INSPECTION AB  
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Uppdragsgivarens referens

Peter Gummerus

Vår referens

Pieter Jilderda / Mikeel Tilemo

Objektnamn

Aggregat för fjärrvärme undercentral

Tillverkare

NordIQ

Order nr

DNV registreringsnr

Anläggning

Tillverkningsnummer

DNV projektnr

42755700

Uppställningsplats

Typbeteckning

Ärende

## Kontroll av aggregat enligt AFS 1999:4.

Vid kontroll av den prototyp som tagits fram konstaterades att aggregatet uppfyller ställda krav enligt AFS 1999:4.

Med vänlig hälsning  
Det Norske Veritas Inspection AB  
District Energy

Mikeel Tilemo  
Besiktningsingenjör

