



Certificate

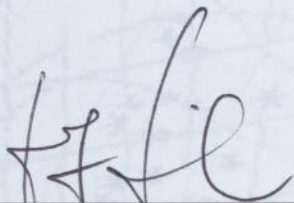
Q-DAS Gesellschaft für Datenverarbeitung und Systemtechnik mbH
grants certification to

Hexagon Metrology GmbH
Gewerbestr. 17
D-35633 Lahnau

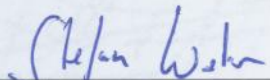
that the export interface has been certified to comply
with the Q-DAS ASCII Transfer Format according to the
attached specification worksheet.

PC-DMIS – Q-DAS Converter
Version 2.3

Weinheim, 2005-07-20



Dr.-Ing. E. Dietrich
Managing Director



Dipl.-Geoökol. S. Weber
Quality Representative



Q-DAS® Gesellschaft für
Datenverarbeitung
und Systemtechnik mbH

Eisleber Straße 2
D-69469 Weinheim
Phone (+49) 06201/3941-0
Fax (+49) 06201/3941-24
E-Mail: q-das@q-das.de
Homepage: www.q-das.de

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Attachment to the Q-DAS Certificate of the 2005-07-20 of the company
Hexagon Metrology GmbH

Tested and confirmed data fields

Following data fields were tested and are in conformity with the Q-DAS ASCII transfer format:

Values and Additional Data Fields

K0002 Attribute
K0004 Date/Time
K0005 Event
K0006 Batch number
K0007 Cavity number
K0008 Operator name
K0009 Text
K0010 Machine number
K0011 Process parameter
K0012 Gage number
K0053 Order

K1052 Contractor name
K1053 Contract
K1101 Department
K1203 Reason for test
K1209 Inspection type
K1303 Plant
K1900 Remark
K2001 Characteristic number
K2002 Characteristic description
K2005 Characteristic class
K2006 Control item
K2008 Group type
K2022 Decimal places
K2030 Group number
K2031 Group element number
K2060 Event catalog
K2061 Process parameter catalog
K2101 Nominal value
K2110 Lower specification limit
K2111 Upper specification limit
K2112 Lower allowance
K2113 Upper allowance
K2120 Type of lower limit
K2121 Type of upper limit
K2142 Unit
K2320 Contract number
K2401 Gage number
K2402 Gage description
K2404 Gage resolution
K2900 Remark

Part and Characteristic Data

K0100 Total no. of characteristics in file
K1001 Part number
K1002 Part description
K1004 Part amendment status
K1007 Abbreviation part number
K1010 Control item
K1011 Variant
K1021 Manufacture No.
K1022 Manufacture name
K1031 Material number
K1032 Material description
K1041 Drawing number
K1042 Drawing amendment



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Characteristics data of process analysis

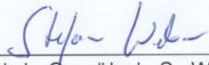
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Characteristics data of
measurement system analysis

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Weinheim, 2005-07-20



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Managing Director

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