Q - D A S®

Certificate

Q-DAS GmbH & Co. KG
grants certification to

STOTZ Feinmesstechnik GmbH
Hermann-Dreher-Straße 6
70839 Gerlingen

that the export interface

SPC_DFQ Version 2.0

has been certified to comply
with the Q-DAS ASCII Transfer Format

according to the
attached specification worksheet.

Weinheim, 2007-05-24

Dipl.-Ing. A. Schulze
Managing Director

Q-DAS®

Attachment to the Q-DAS Certificate dated 2007-05-24 of STOTZ Feinmesstechnik 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

K0001 = measured value
K0002 = attribute
K0004 = Time
K0006 = Batch number
K0007 = Cavity number
K0008 = Operator name
K0009 = Text
K0010 = Machine number
K0053 = Order

Parts Data

K1001 = Part number
K1002 = Part description
K1003 = Part abbreviation
K1004 = Part Amendment status
K1005 = Product
K1007 = Abbreviation Part no.
K1008 = Part type
K1009 = Part code
K1010 = Control item
K1011 = Variant
K1012 = ID number annex
K1014 = Parts ID
K1021 = Manufacturer No.
K1022 = Manufacturer name
K1023 = Manufacturer number
K1032 = Material Description
K1041 = Drawing number
K1042 = Drawing Amendment
K1043 = Drawing Index
K1046 = Drawing name
K1047 = Basic drawing number
K1051 = Contractor Number
K1052 = Contractor Name
K1053 = Contract
K1061 = Customer Number
K1062 = Customer Name
K1081 = Machine Number
K1082 = Machine Description
K1085 = Machine Location
K1086 = Work Cycle
K1100 = Plant Sector
K1101 = Department
K1103 = Cost centre
K1201 = Test Facility Number
K1202 = Test Facility Description
K1203 = Reason for Test
K1206 = Test Location
K1221 = Inspector number
K1222 = Inspector name
K1223 = Inspector number
K1230 = Gage room
K1231 = Measuring program number
K1232 = Measuring program version
K1311 = Production order
K1341 = Test Plan Number Text
K1342 = Test Plan Name
K1343 = Test Plan Development Date
K1344 = Test Plan Developer
K1800 = user field description 1
K1801 = user field type 1
K1802 = user field content 1
K1810 = user field description 2
K1811 = user field type 2
K1812 = user field content 2
K1820 = user field description 3
K1821 = user field type 3
K1822 = user field content 3
K1900 = Remark

Characteristics Data

K2001 = Characteristic Number
K2002 = Characteristic Description
K2003 = Characteristic Abbreviation
K2004 = Characteristic Type
K2005 = Characteristics Class
K2011 = Distribution
K2022 = Decimal Places
K2101 = Nominal Value
K2110 = Lower Specification Limit
K2111 = Upper Specification Limit
K2112 = Lower Allowance
K2113 = Upper Allowance
K2120 = Boundary
K2121 = Boundary
K2141 = Unit
K2142 = Unit
K2311 = Production Type
K2401 = Gage Number
K2402 = Gage Description
K2404 = Gage Resolution
K2406 = Gage Manufacturer
K2800 = user field description 1
K2801 = user field type 1
K2802 = user field contents 1
K8010 = Chart Type
K8012 = lower Control Limit
K8013 = upper Control Limit
K8014 = lower Warning Limit
K8015 = upper Warning Limit
K8110 = Chart Type
K8112 = lower Control lim.
K8113 = upper Control Limit
K8114 = lower Warning Limit
K8115 = upper Warning Limit
K8500 = Subgroup size
K8520 = required Cp value
K8521 = required Cpk value
K8522 = fixed Cp value
K8523 = fixed Cpk value

Weinheim, 2007-05-24

Dipl.-Ing. A. Schulze
Managing Director