

HEXAGON SOFTWARE TRAINING COURSES 2024

qs-STAT® & solara.MP – Basics

2 Days

This course will review fundamental statistics and introduce the user to unique aspects of the Q-DAS® statistical philosophy. The user will learn various software options and how to use the software most efficiently. This will include creating new files and editing existing data. Viewing of basic graphics (such as value charts, histograms and control charts) and the production of printed reports shall also be demonstrated and practiced.

qs-STAT® – Advanced

1 Day

This course is customized according to specific user application of qs-STAT®. Topics will include database filters and queries, an introduction to the form designer, saving of quality control limits and other advanced qs-STAT® features. The participants are encouraged to bring with them their own data and process information and use this to actively solve their current quality issues.

Machine Acceptance Using qs-STAT®

1 Day

This course includes a comprehensive overview of Machine Acceptance procedures. Participants will examine the common practices in industry like the preferred methods of the “Big 3” auto makers. Detailed steps will be demonstrated showing how to perform various targeting studies and machine capability studies in qs-STAT. A variety of examples for each study type will be provided.

Gage Acceptance Using solara.MP

1 Day

A comprehensive overview of Gage Acceptance procedures. Gage R& R as a tool in MSA such as Type, 1 Type 2, and Type 3 studies in solara.MP will be demonstrated and worked with that are widely used by the “Big 3” auto makers. We will look at standard reports that are available. A variety of examples will be used for each study type.

procella® Key User

1½ Days

procella® is a Q-DAS shopfloor application. procella® works as a visualization tool that is used for measurement data collection from handheld gages or by manual data entry. procella® displays online as well as historical data that can be viewed within various types of Graphs. Quality Control Charts can be setup to issue alarms when SPC rules are violated. Part Measurement can be sequenced based upon Inspection effort. Graphical Interface can be adjusted to almost every measurement effort. The Training covers software configurations, creating new Test Plans, Graphical Interface Design, Alarm Configurations and data recording configuration options.

TARGET GROUP:

procella® users and Administrators who need detailed knowledge about procella® structure and configuration options and/or need to pre-configure stations for operators on the shopfloor.

O-QIS CMM Reporting Key User

1 Day

O-QIS in short can be used for online data display, assessment, alarming, reporting and ad-hoc capability studies of (Q-DAS) measurement result files generated by automated devices such as a CMM. **Topics include** - Introduction and Data Flow, Initial settings. Database connection, Configuration of Input/Output folder, Working with MCA/CMM Reporting. Reviewing data - Accept / Reject measurement. Alarm Configurations, Definition, Settings, Settings Hierarchy. Configuration Management. Configurations of CMM Reporting functions. Configurations of user interface and screens. Graphics, Default Windows, Button Bar. Configurations – Automatic Reports, Report Assignment Configurations – CMM-Upload, Further settings for MCA/CMM Reporting. Trouble shooting- Error message indicators / concept.

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Q-DAS System Administrator

1 Day

This course provides the local System Administrators as well as key users with an understanding of the elements of the Q-DAS core software applications and interaction of data and software. Topics will include data flow, installation types, database creation and updates, as well as data format and basic database Upload Configurations and usage. Also covered will be basic system wide configurations such as Q-DAS Usage Management, Q-DAS Catalogs, Ribbons, Alarm Configurations and User Management.

Additional Courses

Specialized courses are available upon request.

Additional topics include:

M-QIS Reporting System, Form Designer, O-QIS CMM Reporting Operator Training.

Training at Hexagon: \$450 / PERSON PER DAY

Training at Your Facility: \$3,000 / PER DAY*

*(maximum 10 people) plus instructor travel expenses.

E-learning Courses

Self-paced, online course modules.

Each course is available to the user for 30 days.

- **qs-STAT® & solara.MP – Basics** \$350 / person
- **QAE – Quality Assurance Essentials** \$350 / person
- **Machine Acceptance Using qs-STAT®** \$350 / person
- **Gage Acceptance Using solara.MP** \$350 / person

All courses start at 8:30 am, unless otherwise specified.

Registration fees are due prior to the start of the course. Fees include course documentation.

Cancellations

Q-DAS reserves the right to cancel these courses, with full refund, if adequate participation is not forthcoming.

Cancellation fees will be applied for customer cancellations as follows:

- In case of cancellation 2 weeks prior to course date, 50% of the total cost will be charged.
- In case of cancellation one week prior to course date or no show, 100% of total cost will be charged.

We can also host Instructor led Q-DAS Training virtually via Microsoft Teams or any other customer based online platform.

Training material for both e-Learning and classroom training will be available via e-learning platform. PDF copies of the training material are not part of the standard training class (copy right) conditions. If an individual hard copy of the training is needed, a printed paper copy may be purchased on request.

We will offer short remote one-on-one sessions via Teams for those who may have additional questions upon successful completion of Classroom Courses.

Please see our IN-HOUSE TRAINING SCHEDULE 2024 Below

In House Training Schedule - 2024

| January | | February | | March | | April | | May | | June | |
|---------|----------------------------|----------|------------------------------|-------|------------------------------|-------|----------------------------|-----|------------------------------|------|------------------------------|
| 1 | *** | 1 | | 1 | | 1 | | 1 | | 1 | |
| 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 3 | | 3 | | 3 | | 3 | Machine Acceptance | 3 | | 3 | |
| 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 5 | | 5 | | 5 | qs-STAT & solara.MP Basics | 5 | | 5 | | 5 | qs-STAT & solara.MP Basics |
| 6 | | 6 | | 6 | qs-STAT & solara.MP Basics | 6 | | 6 | | 6 | qs-STAT & solara.MP Basics |
| 7 | | 7 | qs-STAT & solara.MP Basics | 7 | | 7 | | 7 | | 7 | |
| 8 | | 8 | qs-STAT & solara.MP Basics | 8 | | 8 | | 8 | procella Key User | 8 | |
| 9 | | 9 | | 9 | | 9 | | 9 | procella Key User | 9 | |
| 10 | | 10 | | 10 | | 10 | Q-DAS System Administrator | 10 | | 10 | |
| 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 12 | | 12 | | 12 | | 12 | | 12 | | 12 | |
| 13 | | 13 | | 13 | | 13 | | 13 | | 13 | |
| 14 | | 14 | O-QIS CMM Reporting Key User | 14 | Q-DAS System Administrator | 14 | | 14 | | 14 | |
| 15 | | 15 | | 15 | | 15 | | 15 | | 15 | |
| 16 | | 16 | | 16 | | 16 | | 16 | qs-STAT Advanced | 16 | |
| 17 | qs-STAT & solara.MP Basics | 17 | | 17 | | 17 | | 17 | | 17 | |
| 18 | qs-STAT & solara.MP Basics | 18 | | 18 | | 18 | | 18 | | 18 | |
| 19 | | 19 | | 19 | | 19 | | 19 | | 19 | *** |
| 20 | | 20 | | 20 | Machine Acceptance | 20 | | 20 | | 20 | O-QIS CMM Reporting Key User |
| 21 | | 21 | qs-STAT & solara.MP Basics | 21 | | 21 | | 21 | | 21 | |
| 22 | | 22 | qs-STAT & solara.MP Basics | 22 | | 22 | | 22 | | 22 | |
| 23 | | 23 | | 23 | | 23 | | 23 | O-QIS CMM Reporting Key User | 23 | |
| 24 | | 24 | | 24 | | 24 | qs-STAT & solara.MP Basics | 24 | | 24 | |
| 25 | | 25 | | 25 | | 25 | qs-STAT & solara.MP Basics | 25 | | 25 | |
| 26 | | 26 | | 26 | | 26 | | 26 | | 26 | Machine Acceptance |
| 27 | | 27 | | 27 | O-QIS CMM Reporting Key User | 27 | | 27 | *** | 27 | O-QIS CMM Reporting Key User |
| 28 | | 28 | procella Key User | 28 | | 28 | | 28 | | 28 | |
| 29 | | 29 | procella Key User | 29 | *** | 29 | | 29 | | 29 | |
| 30 | | | | 30 | | 30 | | 30 | | 30 | |
| 31 | | | | 31 | | | | 31 | | | |

*** signifies major US Federal Holidays

In House Training Schedule - 2024

| July | | August | | September | | October | | November | | December | |
|------|--------------------------|--------|----------------------------|-----------|------------------------------|---------|--------------------------|----------|--------------------------|----------|--------------------------|
| 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 2 | | 2 | | 2 | *** | 2 | qs-STAT/solara.MP Basics | 2 | | 2 | |
| 3 | | 3 | | 3 | | 3 | qs-STAT/solara.MP Basics | 3 | | 3 | |
| 4 | *** | 4 | | 4 | | 4 | | 4 | | 4 | qs-STAT/solara.MP Basics |
| 5 | | 5 | | 5 | | 5 | | 5 | | 5 | qs-STAT/solara.MP Basics |
| 6 | | 6 | | 6 | | 6 | | 6 | qs-STAT/solara.MP Basics | 6 | |
| 7 | | 7 | procella Key User | 7 | | 7 | | 7 | qs-STAT/solara.MP Basics | 7 | |
| 8 | | 8 | procella Key User | 8 | | 8 | | 8 | | 8 | |
| 9 | | 9 | | 9 | | 9 | Machine Acceptance | 9 | | 9 | |
| 10 | qs-STAT/solara.MP Basics | 10 | | 10 | | 10 | | 10 | | 10 | |
| 11 | qs-STAT/solara.MP Basics | 11 | | 11 | qs-STAT/solara.MP Basics | 11 | | 11 | *** | 11 | procella Key User |
| 12 | | 12 | | 12 | qs-STAT/solara.MP Basics | 12 | | 12 | | 12 | procella Key User |
| 13 | | 13 | | 13 | | 13 | | 13 | | 13 | |
| 14 | | 14 | Q-DAS System Administrator | 14 | | 14 | | 14 | | 14 | |
| 15 | | 15 | | 15 | | 15 | | 15 | | 15 | |
| 16 | | 16 | | 16 | | 16 | procella Key User | 16 | | 16 | |
| 17 | qs-STAT/solara.MP Basics | 17 | | 17 | | 17 | procella Key User | 17 | | 17 | |
| 18 | qs-STAT/solara.MP Basics | 18 | | 18 | O-QIS CMM Reporting Key User | 18 | | 18 | | 18 | |
| 19 | | 19 | | 19 | Machine Acceptance | 19 | | 19 | | 19 | |
| 20 | | 20 | | 20 | | 20 | | 20 | | 20 | |
| 21 | | 21 | qs-STAT/solara.MP Basics | 21 | | 21 | | 21 | | 21 | |
| 22 | | 22 | qs-STAT/solara.MP Basics | 22 | | 22 | | 22 | | 22 | |
| 23 | | 23 | | 23 | | 23 | qs-STAT/solara.MP Basics | 23 | | 23 | |
| 24 | Machine Acceptance | 24 | | 24 | | 24 | qs-STAT/solara.MP Basics | 24 | | 24 | *** |
| 25 | Gage Acceptance | 25 | | 25 | qs-STAT/solara.MP Basics | 25 | | 25 | | 25 | *** |
| 26 | | 26 | | 26 | qs-STAT/solara.MP Basics | 26 | | 26 | | 26 | |
| 27 | | 27 | | 27 | | 27 | | 27 | | 27 | |
| 28 | | 28 | | 28 | | 28 | | 28 | *** | 28 | |
| 29 | | 29 | | 29 | | 29 | | 29 | *** | 29 | |
| 30 | | 30 | | 30 | | 30 | | 30 | | 30 | |
| 31 | | 31 | | | | 31 | | | | 31 | |

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