

## HEXAGON SOFTWARE TRAINING COURSES 2025

### 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 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 for the training: procella® users who need detailed knowledge about procella® structure and setup of procella stations on the shop floor.

### O-QIS MCA/CMM Reporting Configurations

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 local data flow, Initial settings. Database connection, Configuration of Input/Output folder, Working with MCA/CMM Reporting. Reviewing data - Accept / Reject measurement. Alarm Configurations, Hierarchy of Settings. Configurations of CMM Reporting functions and user interface. Graphics, Default Windows, Button Bar. Automatic Reports, Report Assignment, CMM-Upload Configurations, Trouble shooting, Error message indicators / concept.

### Q-DAS System Administrator and Key User

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 include** system data flow, installation types, database creation and updates, Q-DAS data format and basic database Upload Configurations. Also covered are system wide configurations such as Q-DAS User Management, Q-DAS Catalogs, Ribbons, Alarm Configurations and User Management.

## HEXAGON SOFTWARE TRAINING COURSES 2025

### M-QIS Engine Reporting Basics (scheduling on request)

**1 Day**

This course provides Q-DAS key users with an understanding of using M-QIS Engine Reporting for setting up timer-based, automatic reports or emails. Topics will include Software access and user interface, reporting job types, components and preparations, planning reports as well as creating reporting jobs for direct reporting and for storing results. Also covered will be basic steps for creating database queries, report design, alarm conditions and settings as well as data archiving via M-QIS Reporting.

#### Additional Courses

Specialized courses are available upon request.

Additional topics include:

Database queries, 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
- **Q-DAS - QAE Basics e-Learning** \$350 / person

All Q-DAS classroom courses at Hexagon start at 7:30 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 2025 Below**

### In House Training Schedule – 2025

| January |                            | February |  | March |  | April |                                  | May |  | June |  |
|---------|----------------------------|----------|--|-------|--|-------|----------------------------------|-----|--|------|--|
| 1       | ***                        | 1        |  | 1     |  | 1     |                                  | 1   |  | 1    |  |
| 2       |                            | 2        |  | 2     |  | 2     |                                  | 2   |  | 2    |  |
| 3       |                            | 3        |  | 3     |  | 3     | Machine Acceptance using qs-STAT | 3   |  | 3    | qs-STAT & solara.MP Basics   |
| 4       |                            | 4        | qs-STAT & solara.MP Basics                           | 4     |  | 4     |                                  | 4   |  | 4    | qs-STAT & solara.MP Basics   |
| 5       |                            | 5        | qs-STAT & solara.MP Basics                           | 5     | qs-STAT & solara.MP Basics                           | 5     |                                  | 5   |  | 5    |  |
| 6       |                            | 6        |  | 6     | qs-STAT & solara.MP Basics                           | 6     |                                  | 6   |  | 6    |  |
| 7       |                            | 7        |  | 7     |  | 7     |                                  | 7   | procella Key User  | 7    |  |
| 8       |                            | 8        |  | 8     |  | 8     |                                  | 8   | procella Key User  | 8    |  |
| 9       |                            | 9        |  | 9     |  | 9     |                                  | 9   |  | 9    |  |
| 10      |                            | 10       |  | 10    |  | 10    | Q-DAS System Administrator       | 10  |  | 10   |  |
| 11      |                            | 11       |  | 11    |  | 11    |                                  | 11  |  | 11   |  |
| 12      |                            | 12       | O-QIS MCA/CMM Reporting Configurations V2024 (1 day) | 12    | Q-DAS System Administrator                           | 12    |                                  | 12  |  | 12   |  |
| 13      |                            | 13       |  | 13    |  | 13    |                                  | 13  |  | 13   |  |
| 14      |                            | 14       |  | 14    |  | 14    |                                  | 14  | qs-STAT Advanced   | 14   |  |
| 15      |                            | 15       |  | 15    |  | 15    |                                  | 15  |  | 15   |  |
| 16      |                            | 16       |  | 16    |  | 16    |                                  | 16  |  | 16   |  |
| 17      |                            | 17       |  | 17    |  | 17    |                                  | 17  |  | 17   | O-QIS MCA/CMM Reporting Configurations V2024 (1 day) V2024 (1 day) V2024 (1 day) |
| 18      |                            | 18       |  | 18    |  | 18    | ***                              | 18  |  | 18   |  |
| 19      |                            | 19       |  | 19    |  | 19    |                                  | 19  |  | 19   | ***  |
| 20      |                            | 20       |  | 20    | Machine Acceptance using qs-STAT                     | 20    |                                  | 20  |  | 20   |  |
| 21      | qs-STAT & solara.MP Basics | 21       |  | 21    |  | 21    |                                  | 21  | O-QIS MCA/CMM Reporting Configurations V2024 (1 day) V2024 (1 day) | 21   |  |
| 22      | qs-STAT & solara.MP Basics | 22       |  | 22    |  | 22    |                                  | 22  |  | 22   |  |
| 23      |                            | 23       |  | 23    |  | 23    | qs-STAT & solara.MP Basics       | 23  |  | 23   |  |
| 24      |                            | 24       |  | 24    |  | 24    | qs-STAT & solara.MP Basics       | 24  |  | 24   |  |
| 25      |                            | 25       |  | 25    |  | 25    |                                  | 25  |  | 25   | O-QIS MCA/CMM Reporting Configurations V2024 (1 day) V2024 (1 day)               |
| 26      |                            | 26       | qs-STAT & solara.MP Basics                           | 26    |  | 26    |                                  | 26  | ***  | 26   |  |
| 27      |                            | 27       | qs-STAT & solara.MP Basics                           | 27    | O-QIS MCA/CMM Reporting Configurations V2024 (1 day) | 27    |                                  | 27  |  | 27   |  |
| 28      |                            | 28       |  | 28    |  | 28    |                                  | 28  |  | 28   |  |
| 29      |                            |          |  | 29    |  | 29    |                                  | 29  |  | 29   |  |
| 30      |                            |          |  | 30    |  | 30    |                                  | 30  |  | 30   |  |
| 31      |                            |          |  | 31    |  |       |                                  | 31  |  |      |  |

\*\*\* signifies major US Federal Holidays

### In House Training Schedule – 2025

|    | July                            | August | September | October  | November | December |
|----|---------------------------------|--------|-----------|--|----------|----------|
| 1  |                                 | 1      | 1         | ***  | 1        | 1        |
| 2  |                                 | 2      | 2         |  | 2        | 2        |
| 3  |                                 | 3      | 3         |  | 3        | 3        |
| 4  | ***                             | 4      | 4         |  | 4        | 4        |
| 5  |                                 | 5      | 5         | procella Key User                                    | 5        | 5        |
| 6  |                                 | 6      | 6         | procella Key User                                    | 6        | 6        |
| 7  |                                 | 7      | 7         |  | 7        | 7        |
| 8  | qs-STAT/solara.MP Basics        | 8      | 8         |  | 8        | 8        |
| 9  | qs-STAT/solara.MP Basics        | 9      | 9         |  | 9        | 9        |
| 10 |                                 | 10     | 10        | qs-STAT/solara.MP Basics                             | 10       | 10       |
| 11 |                                 | 11     | 11        | qs-STAT/solara.MP Basics                             | 11       | 11       |
| 12 |                                 | 12     | 12        |  | 12       | 12       |
| 13 |                                 | 13     | 13        |  | 13       | 13       |
| 14 |                                 | 14     | 14        | Q-DAS System Administrator and Key User 2024 (1 day) | 14       | 14       |
| 15 | qs-STAT/solara.MP Basics        | 15     | 15        |  | 15       | 15       |
| 16 | qs-STAT/solara.MP Basics        | 16     | 16        | O-QIS MCA/CMM Reporting Configurations V2024 (1 day) | 16       | 16       |
| 17 |                                 | 17     | 17        | Machine Acceptance using qs-STAT                     | 17       | 17       |
| 18 |                                 | 18     | 18        |  | 18       | 18       |
| 19 |                                 | 19     | 19        | qs-STAT/solara.MP Basics                             | 19       | 19       |
| 20 |                                 | 20     | 20        | qs-STAT/solara.MP Basics                             | 20       | 20       |
| 21 |                                 | 21     | 21        |  | 21       | 21       |
| 22 | Gage Acceptance using solara.MP | 22     | 22        |  | 22       | 22       |
| 23 |                                 | 23     | 23        | qs-STAT/solara.MP Basics                             | 23       | 23       |
| 24 |                                 | 24     | 24        | qs-STAT/solara.MP Basics                             | 24       | 24       |
| 25 |                                 | 25     | 25        |  | 25       | 25       |
| 26 |                                 | 26     | 26        |  | 26       | 26       |
| 27 |                                 | 27     | 27        |  | 27       | 27       |
| 28 |                                 | 28     | 28        |  | 28       | 28       |
| 29 |                                 | 29     | 29        |  | 29       | 29       |
| 30 |                                 | 30     | 30        |  | 30       | 30       |
| 31 |                                 | 31     |           | 31   |          | 31       |

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