BRÜCKNER ACADEMY   INFOLETTER 15/09

Train your skills and compete with excellence

Last year, Brückner introduced the Brückner Academy. Since the start of this program, a variety of training courses was held about electrical, process and mechanical issues. The fully booked courses and the very positive feedback of our attendees caused Brückner to expand the training program for the year 2010. Beside the increased amount of in-house training courses (held at Brückner headquarters in Siegsdorf), Brückner Academy now also focuses on web-based trainings:

Web-based trainings are already well accepted by many customers in order to act more cost and time efficient, as well as to increase their flexibility of the training attendees. Every web-training is, like the standard on-site training, individually customized to perfectly match your demands. Beside this, you have the advantage that no costs for travel or lodging are incurred and all your training participants stay on-site, in case you need them urgently. Web-trainings only require a broad-band internet access for your attendees and a separate room in which they are trained – preferable a videoconference room. The participants can follow the trainers live on their laptops or videoconference screen and attend his advices. All necessary hardware like PLC`s or servers are provided by Brückner and remotely integrated in the Brückner Videoconference system. Every participant can go online on these devices and work and act as if they would stand next to this hardware. If needed, the participants can also give the trainer the option to access their screen remote to assist in case difficulties occur.

You see, a web-based training offers the same possibilities like an in-house training – except two differences: the lower costs and the physical distance between trainers and participants.

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Training forms:

- **In-house training** (held at Brückner headquarters)

- **On-site training** (individual training held on-site)

- **Web training** (individual training via videoconference and webmeeting tools)

Along these training forms, there are multiple standard training topics to choose from. Starting with basic electrical topics to advanced programming, as well as process and mechanical topics, the different courses offer you a variety of ways to improve your troubleshooting, maintenance and production. New is the possibility of choosing SCL-trainings (Structured Control Language for Programming S7) and trainings on dosing units, in cooperation with Schenck Process.

Training topics:

- **Electrical training** (basic and advanced)

- **Programming training** (SCL)

- **Mechanical training** (individual)

- **Process training** (individual)

- **Dosing** (individual)

If you don't want to stick with this standard course program, you can request a complete individual training. Combine electrical with process topics or request training for a thickness gauge – whatever you ask for, Brückner Academy will assist you to achieve your goal!

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Benefit from Brückner Academy by…

…learning new ways to solve problems

…getting a better understanding of your machine

…getting an even deeper look inside process and mechanical topics

…increasing your maintenance and troubleshooting efficiency

The return on this investment starts immediately, you will see!

Contact our service department E-SERVICE@BRUECKNER.COM for more detailed information and to get your individual training proposal.

One Step Ahead – with Brückner Servtec

Best regards,

Your Brückner Servtec Service Team

Please find the in-house training schedule and electrical course details for 2010 attached.

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S E R V T E C

IN-HOUSE TRAINING SCHEDULE 2010

Brückner Academy offers five in-house training blocks in 2010. Every block includes a 3 day SCL-training, a 5 day IPC/PVSS/S7-basic training and a 5 day IPC/PVSS/S7-advanced training course. Feel free to combine or join the trainings separately!

BLOCK 1 – February 15. - 26.   *in-house*

- SCL Structured Control Language
- IPC / PVSS / S7 Basic
- IPC / PVSS / S7 Advanced

BLOCK 2 – April 19. - 30.   *in-house*

- SCL Structured Control Language
- IPC / PVSS / S7 Basic
- IPC / PVSS / S7 Advanced

BLOCK 3 – July 12. - 23.   *in-house*

- SCL Structured Control Language
- IPC / PVSS / S7 Basic
- IPC / PVSS / S7 Advanced

BLOCK 4 – October 11. - 22.   *in-house*

- SCL Structured Control Language
- IPC / PVSS / S7 Basic
- IPC / PVSS / S7 Advanced

BLOCK 5 – December 6. - 17.   *in-house*

- SCL Structured Control Language
- IPC / PVSS / S7 Basic
- IPC / PVSS / S7 Advanced

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S E R V T E C

TRAINING COURSE DETAILS

SCL STRUCTURED CONTROL LANGUAGE

Target Group	- Operator or maintenance personnel with little or no programming experience
Training Target	*Learn how to edit and program in Structured Text Control Language by the use of SIMATIC SCL-Editor*
Training Agenda	- Basics of SCL program and SIMATIC Manager
	- Data types
	- Commands and functions
	- Variables and symbolics
	- Know how protection

IPC / PVSS / S7 BASIC

Target Group	- Operator and maintenance personnel
Training Target	*Optimize maintenance, lower service costs and decrease plant downtime*
Training Agenda	- Interpret information shown in PVSS like trends, alarms, interlocks, ...
	- Optimal use of hard- and software for maintenance and troubleshooting
	- Use of SIMATIC Manager and Source Inside for maintenance and troubleshooting
	- Inside look in plant PLC program
	- Backup handling
	- Basic Linux commands

IPC / PVSS / S7 ADVANCED

Target Group	- Operator and maintenance personnel
	- Group leaders, engineering teams
Training Target	*Optimize maintenance, lower service costs, decrease plant downtime and get the ability to modify and customize existing PLC program and PVSS visualization*
Training Agenda	- Interpret information shown in PVSS like trends, alarms, interlocks, ...
	- Optimal use of hard- and software for maintenance and troubleshooting
	- Use of SIMATIC Manager and Source Inside for maintenance and troubleshooting
	- Inside look in plant PLC and PVSS program
	- Edit and modify PVSS and PLC program
	- Generate new operation sequences and visualization pages
	- Implement new hardware in plant

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