

February 6, 2018

Training Course for Fluoropolymer Welding May 14 - 18, 2018

AGRU, SKZ (Sueddeutsches Kunststoffinstitut) and Wegener Welding LLC intend to hold a joint course for the welding of fluoropolymer materials with emphasis on hot gas (air) welding. The course includes a theoretical and a practical part and is scheduled so that engineers and/or end users can enjoy the educational benefits without having to attend all five days of the course. The full course includes the practical training and theoretical tests to be taken by welding personnel. Optional destructive testing for certification purposes is offered.

Location practical sessions: **WEGENER Welding LLC**
16W301 S Frontage Road
Burr Ridge, IL 60527

Location theoretical sessions: **Crowne Plaza Chicago SW**
300 S. Frontage Road
Burr Ridge, Il. 60527

COURSE DESCRIPTION

Theoretical Training

- Material properties, structures, classification, weldability, compatability
- Applications (dual laminates, steel linings, floating liners), gluing
- General thermoplastic welding standards (DVS/AWS)
- Welding process for fluoropolymers, types, requirements, environmental conditions (PVDF, ECTFE, FEP, PFA)
- Hot air welding (welding nozzles, geometries, temperatures, welding rods, etc)
- Hot air welding equipment (requirements, set up)
- Weld preparation, geometries, build ups
- Welding parameters, welding records
- Visual inspection
- Finishing
- Repairs
- Safety aspects
- Testing of welds (destructive, non-destructive)

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Practical Training including above

- Practical set up of hot air welding equipment, welding nozzles, tools
- Maintaining welding records
- Material compatibility check
- Welding exercises including high speed welding, cap strip welding
- Visual inspection of weldments
- Evaluation of weldments using destructive test method and high frequency spark testing
- Weldment preparation for certification/qualification (destructive testing at SKZ laboratory, testing criteria according to
- Theoretical test

All attendees will receive a certificate of participation.

Please complete the following registration form and return to Wegener Welding LLC in order to reserve your space in the course.

The engineering/theory personnel are welcome to stay beyond Wednesday if they so choose.

Should you have any questions, please do not hesitate to contact us.

REGISTRATION/FEEES (including manuals and lunches)

Course Dates: 05/14/18 – 05/18/18

ENGINEERING/THEORY PARTICIPANTS Training Course 5/14 10:00am – 5/16 12:00pm Early Bird Price (valid until 02.28.2018)		US\$ 1,950.00 US\$ 1,850.00	<input type="checkbox"/>	_____
WELDING PERSONNEL Training Course 5/14 10:00am – 5/18 12:00pm Early Bird Price (valid until 02.28.2018)		US\$ 1,710.00 US\$ 1,610.00	<input type="checkbox"/>	_____
Examinations (please mark)				
Hot gas high speed welding				
PVDF	DVS certificate	US\$ 270.00	<input type="checkbox"/>	_____
ECTFE	Qualification certificate	US\$ 270.00	<input type="checkbox"/>	_____
FEP/PFA	Qualification certificate	US\$ 270.00	<input type="checkbox"/>	_____
TOTAL:		US\$		_____

Name _____

Company _____

Street _____

City _____ **State** _____ **Zip** _____

Ph:(____) _____ **Fax:(____)** _____ **e-mail:** _____

Signature _____ **Date** _____

Payment **VISA/MC/AMEX/Discover** For your security please call with credit card number
 Check. Please make checks payable to Wegener Welding LLC.
Note: 50% deposit is due with completed registration form. Full payment prior to beginning of the course.

Cancellation Policy: Cancellation fee will be 10% of course fee prior to April 13, 2018. Full payment due for any cancellations after April 30, 2018 unless a substitute can be found.

Course subject to minimum student registration of 15. If not met, any payments will be refunded.

