

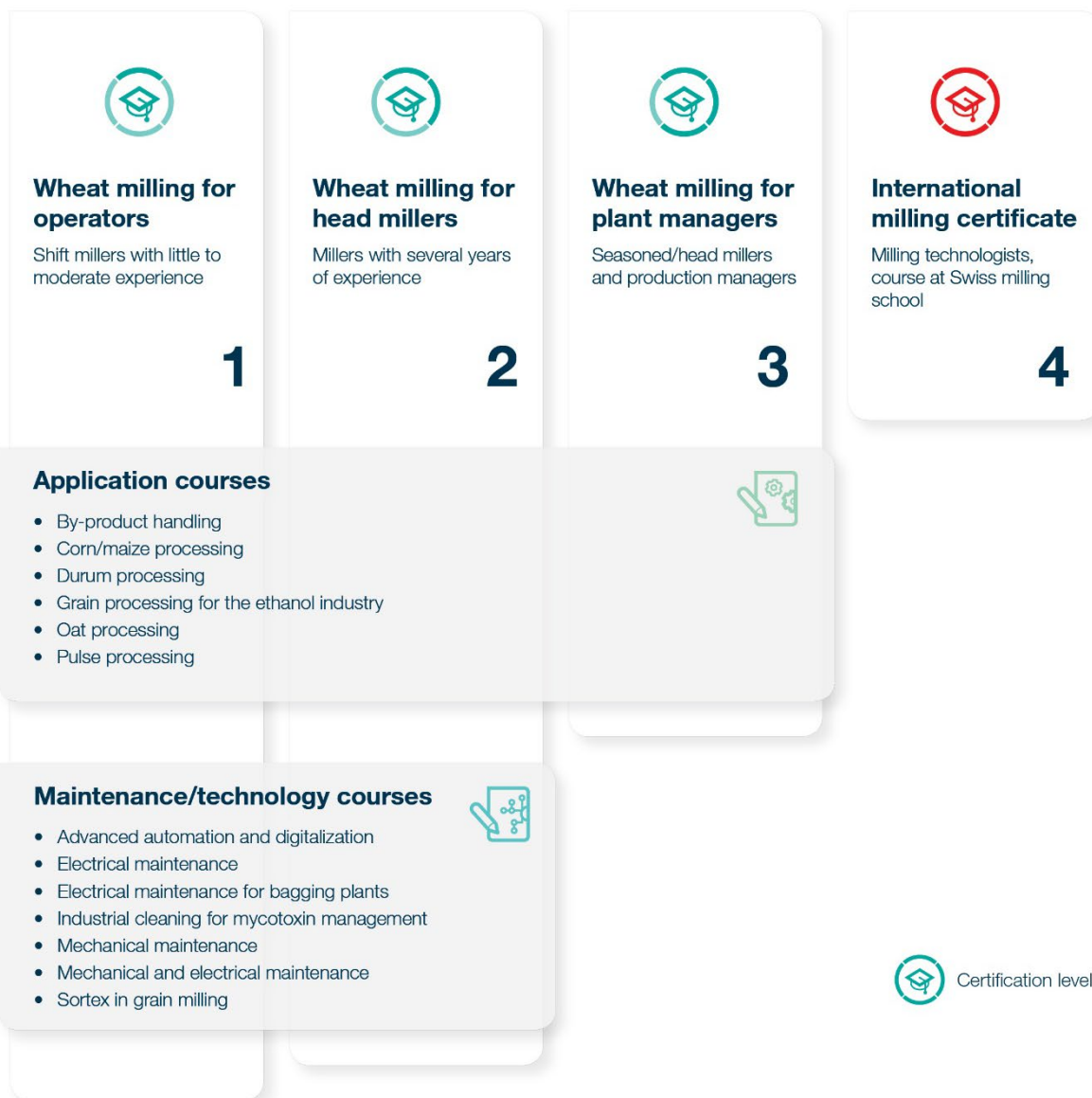


Milling Academy
Courses and costs
2021

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1 Development path of the Milling Academy



Additional courses

- Flour sales for experts
- Fluting
- From wheat to bread
- Laboratory
- Milling for executives

Custom trainings
Custom course program for courses in Uzwil or on site. Contact us for a proposal.

Our partner institutes

- [Kansas State University](#)
- [African Milling School](#)
- [Bühler Milling School Wuxi](#)
- [Bühler Food Application Center USA](#)

2 Certification levels¹

Wheat milling for operators (level 1)	DE	22.02. – 26.02.2021
		27.09. – 01.10.2021
	EN	12.04. – 23.04.2021
		30.08. – 10.09.2021
	ES	21.06. – 02.07.2021
		04.10. – 15.10.2021
	FR	16.08. – 27.08.2021
	IT	On request
Wheat milling for head millers (level 2)	EN	26.04. – 07.05.2021
		13.09. – 24.09.2021
	ES	05.07. – 16.07.2021
		18.10. – 29.10.2021
	FR	08.03. – 12.03.2021
	IT	04.10. – 08.10.2021
	PT	20.09. – 01.10.2021
Wheat milling for plant managers (level 3)	DE	13.12. – 17.12.2021
	EN	08.02. – 12.02.2021
		15.11. – 19.11.2021
	ES	17.05. – 21.05.2021
	FR	On request

Cancelled courses in orange

¹ Course dates without guarantee. For changes or cancellations, please visit our website at buhlergroup.com/academy.

Wheat milling for operators (level 1)

- Duration** 2 weeks / 1 week for German language
- Language** Deutsch, English, español, français, italiano
- Topics** Basic process knowledge, machine design, plant operation
- Target group** 1st leg of milling technology
- Requirements** Little to moderate working experience in a flour mill

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Wheat milling for head millers (level 2)

- Duration** 2 weeks
- Language** English, español, français, italiano, にほんご
- Topics** Advanced process technology, advanced flowsheet technology
- Target group** Shift millers, head millers, mill managers with several years of experience
- Requirements** Good working experience, theoretical knowledge (level 1)

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Wheat milling for plant managers (level 3)

- Duration** 2 weeks
- Language** Deutsch, English, español, français
- Topics** In-depth flowsheet discussions and analysis of milling systems, optimized break handling, ideal purifier settings, starch damage
- Target group** Head millers, production managers, seasoned millers
- Requirements** Solid theoretical milling knowledge required (level 1 + 2), several years of practical experience

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3 Application courses²

By-product handling	EN	06.12. – 08.12.2021
Corn/maize processing	EN	08.02. – 12.02.2021
	ES	12.04. – 16.04.2021
Durum processing	DE	On request
	EN	13.12. – 17.12.2021
	FR	On request
	IT	On request
Grain processing for the ethanol industry	EN	On request
Oat processing	DE	11.10. – 15.10.2021
	EN	12.04. – 16.04.2021
	EN	09.08. – 13.08.2021
Pulses processing	EN	27.09. – 01.10.2021

Cancelled courses in orange

By-product handling

- Duration** 3 days
- Language** English
- Topics** Addresses the recovery and reutilization of cereal processing byproducts, e.g. wheat bran, emphasis on machines and process technology, flowsheets, practical exercises, key applications in food and feed
- Target group** Plant and production managers, head millers, active operating staff, professionals with commercial or technical background in grain or feed milling related industries
- Requirements** Moderate working experience in the grain processing or feed milling industry

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Corn/maize processing

- Duration** 1 week
- Language** English, español
- Topics** Machines and process application, degermination, flowsheets
- Target group** Shift millers, head millers, mill managers
- Requirements** Moderate working experience in a corn mill

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² Course dates without guarantee. For changes or cancellations, please visit our website at buhlergroup.com/academy.

Durum processing

- Duration** 1 week
- Language** Deutsch, English, français, italiano
- Topics** Process technology, flowsheet technology, practical exercises
- Target group** Shift millers, head millers, mill managers
- Requirements** Good working experience in a durum mill

[Register](#)

Grain processing for the ethanol industry

- Duration** 1 week (on request)
- Language** English
- Topics** Ethanol machines knowledge and process technology
- Target group** Operators, technologists, and maintenance personal
- Requirements** Basic technical knowledge

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Oat processing

- Duration** 1 week
- Language** Deutsch, English
- Topics** Machines and process application, dehulling, kilning etc. flowsheet technology
- Target group** Shift millers, head millers, mill managers
- Requirements** Moderate working experience in an oat mill

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Pulses processing

- Duration** 1 week
- Language** English
- Topics** Machines and process application, degermination, flowsheets, value adding processes
- Target group** Head millers, mill managers and mill owner
- Requirements** No requirements

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4 Maintenance/technology courses³

Advanced automation & digitalization	DE	On request
	EN	08.03. – 12.03.2021 30.08. – 03.09.2021
Electrical maintenance	EN	01.02. – 05.02.2021 07.06. – 11.06.2021 15.11. – 19.11.2021
	ES	26.04. – 30.04.2021
	EN	On request
	EN	On request
Industrial grain cleaning for mycotoxin management	EN	On request
Mechanical and electrical maintenance	DE	01.03. – 05.03.2021 20.09. – 24.09.2021
	ES	23.08. – 27.08.2021
	FR	15.02. – 19.02.2021
	DE	17.05. – 21.05.2021
Mechanical maintenance	EN	25.01. – 29.01.2021 14.06. – 18.06.2021 08.11. – 12.11.2021
	ES	19.04. – 23.04.2021
	IT	On request
	DE	31.05. – 04.06.2021 25.10. – 29.10.2021
	EN	25.01. – 29.01.2021 23.08. – 27.08.2021

Cancelled courses in orange

³ Course dates without guarantee. For changes or cancellations, please visit our website at buhlergroup.com/academy.

Advanced automation & digitalization

- Duration** 1 week
- Language** Deutsch, English
- Topics** Modern automation systems, PLC / PC systems, trouble shooting, maintenance, new digital solutions, Internet of Things, Industry 4.0
- Target group** Service engineers, electrical maintenance manager, head millers and production managers with close involvement in production, product optimization and quality management
- Requirements** Solid working experience in a flour mill, basic process knowledge, good electrical knowledge, PC/PLC basic knowledge

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Electrical maintenance

- Duration** 1 week
- Language** English, español
- Topics** Electrical components, control units, calibration, fault finding
- Target group** Electrical maintenance staff
- Requirements** Electrical basic knowledge, technical skills

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Electrical maintenance for bagging plants

- Duration** 1 week (on request)
- Language** English
- Topics** Components of a bagging system, electronic scale training etc.
- Target group** Electrical maintenance staff
- Requirements** Electrical basic knowledge, technical skills

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Industrial grain cleaning for mycotoxin management

- Duration** 3 days
- Language** English
- Topics** Detection, analysis, and reduction of mycotoxins on industrial scale in the cereal industry – theory and practical approach
- Target group** Production managers with close involvement in quality management, quality management personnel, laboratory personnel
- Requirements** Solid working experience in the grain processing industry

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Mechanical and electrical maintenance

- Duration** 1 week
- Language** Deutsch, español, français
- Topics** Basic mechanical and electrical maintenance organization, roll and bearings changes, electrical fault finding and general machine maintenance
- Target group** Mechanical and electrical maintenance staff
- Requirements** Basic mechanical and electrical knowledge and technical skills

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Mechanical maintenance

- Duration** 1 week
- Language** Deutsch, English, español, italiano
- Topics** Maintenance organization, roll change, bearing change, general machine maintenance
- Target group** Mechanical maintenance staff
- Requirements** Basic mechanical knowledge, technical skills

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Sortex in grain milling

- Duration** 1 week
- Language** Deutsch, English
- Topics** In-depth know-how of Sortex and its applications in grain milling
- Target group** Seasoned shift millers and head millers with close involvement in production, product optimization and quality management
- Requirements** Moderate to solid working experience in a flour mill

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5 Additional courses⁴

Flour sales for experts	EN	04.10. – 08.10.2021
Fluting	EN	On request
From wheat to bread	DE	20.09. – 24.09.2021
	EN	08.11. – 12.11.2021
Laboratory	EN	On request
Milling for executives	DE	07.06. – 11.06.2021
	EN	25.01. – 29.01.2021
		12.04. – 16.04.2021
		09.08. – 13.08.2021
	ES	29.11. – 03.12.2021
		22.03. – 26.03.2021
		22.11. – 26.11.2021
	FR	14.06. – 18.06.2021
30.08. – 03.09.2021		

Cancelled courses in orange

Flour sales for experts

- Duration** 1 week
- Language** English
- Topics** Milling process technology, flour, dough and bread analytics, bread making process, bread improvers
- Target group** Flour sales experts, production managers, mill owners
- Requirements** Moderate technological knowledge necessary

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Fluting

- Location** On site
- Duration** 1 week (on request)
- Language** English
- Topics** Fluting and grinding, handling tools and machines
- Target group** Fluting machine operators
- Requirements** Basic mechanical knowledge, technical skills

Register now

⁴ Course dates without guarantee. For changes or cancellations, please visit our website at buhlergroup.com/academy.

From wheat to bread

- Duration** 1 week
- Language** Deutsch, English
- Topics** Course with strong focus on practical work covering the whole chain from wheat intake to the finished baked goods
- Target group** Head millers, production managers, seasoned millers
- Requirements** Solid theoretical milling knowledge required (milling school, advanced milling courses), several years of practical experience

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Laboratory

- Duration** 1 week (on request)
- Language** English
- Topics** Basic knowledge laboratory analysis and interpretation
- Target group** Laboratory personnel
- Requirements** Little to moderate laboratory knowledge necessary

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Milling for executives

- Duration** 1 week
- Language** Deutsch, English, español, français
- Topics** Process technology, key performance indicators
- Target group** Managers in leading positions, mill owners
- Requirements** No technological knowledge necessary

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6 Courses at other locations or partner institutes⁵

Milling for executives at Bühler Wuxi, China	EN	18.10. – 22.10.2021
Milling for experts at KSU, USA	EN	01.03. – 05.03.2021
Flowsheet technology at KSU, USA	EN	15.11. – 19.11.2021
Milling for executives at KSU, USA	EN	22.02. – 26.02.2021
		08.11. – 12.11.2021
	ES	23.08. – 27.08.2021

Cancelled courses in orange

Milling for executives at Bühler Wuxi, China

- Location** Bühler Wuxi, China
- Duration** 1 week
- Language** English
- Topics** Process technology, key performance indicators
- Target group** Managers in leading positions, mill owners
- Requirements** No technological knowledge necessary

Register

Milling for experts at KSU, USA

- Location** Kansas State University, USA
- Duration** 1 week
- Language** English
- Topics** In-depth flowsheet discussions and analysis of milling systems, optimized break handling, ideal purifier settings, starch damage
- Target group** Head millers, production managers, seasoned millers
- Requirements** Solid theoretical milling knowledge required (milling school, advanced milling courses etc.), several years of practical experience

Register now

⁵ Course dates without guarantee. For changes or cancellations, please visit our website at buhlergroup.com/academy.

Flowsheet technology at KSU, USA

- Location** Kansas State University, USA
- Duration** 1 week
- Language** English
- Topics** Course with strong focus advanced flowsheet technology. Various flowsheet concepts and new approaches in the milling industry
- Target group** Head millers, production managers, seasoned millers
- Requirements** Solid theoretical milling knowledge required (milling school, advanced milling courses), several years of practical experience

[Register now](#)

Milling for executives at KSU, USA

- Location** Kansas State University, USA
- Duration** 1 week (on request)
- Language** English
- Topics** Process technology, key performance indicators
- Target group** Managers in leading positions, mill owners
- Requirements** No technological knowledge necessary

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7 Prices⁶

Standard courses

Certification level 1 / 2 weeks course	CHF 3'800.-
Certification level 2 / 2 weeks course	CHF 3'800.-
Certification level 3	CHF 2'100.-
German certification level 1+2 / 1 week course	CHF 1'900.-
Additional courses	CHF 2'100.-
Application courses / technology courses	CHF 1'900.-
Maintenance courses	CHF 1'700.-

Custom certification level 3 / additional courses (with less than 5 participants)

4 participants	CHF 2'700.-
3 participants	CHF 3'200.-
2 participants	CHF 4'300.-
1 participant	CHF 6'500.-

Custom application courses / technology courses (with less than 5 participants)

4 participants	CHF 2'300.-
3 participants	CHF 2'800.-
2 participants	CHF 3'900.-
1 participant	CHF 6'000.-

Custom application courses / technology courses (with less than 5 participants)

4 participants	CHF 2'000.-
3 participants	CHF 2'400.-
2 participants	CHF 3'400.-
1 participant	CHF 5'500.-

Accommodation packages

Certification level 3 / additional courses	
4* Hotel in Uzwil	CHF 900.-
4* Hotel in St. Gallen (daily public transfer included)	CHF 1'080.-
included:	
6 nights, single room including breakfast	
Pick-up at hotel on the first training day	
Daily transfer by train Hotel – Milling Academy – Hotel	

⁶ Per participant per week, excl. transfer and accommodation (for packages see next page)

Certification level 1 + 2 / application/technology/maintenance courses

3* Hotel in Uzwil

CHF 690.-

3* Hotel in Wil (daily public transfer included)

CHF 840.-

included:

6 nights, single room including breakfast

Pick-up at hotel on the first training day

Daily transfer by train Hotel – Milling Academy – Hotel

Cancellation fees valid for all courses

21 – 11 days before the course starts 10 % of the costs

10 – 3 days before the course starts 50 % of the costs

2 or less days before the course starts 100 % of the costs

Address

Bühler AG

Milling Academy

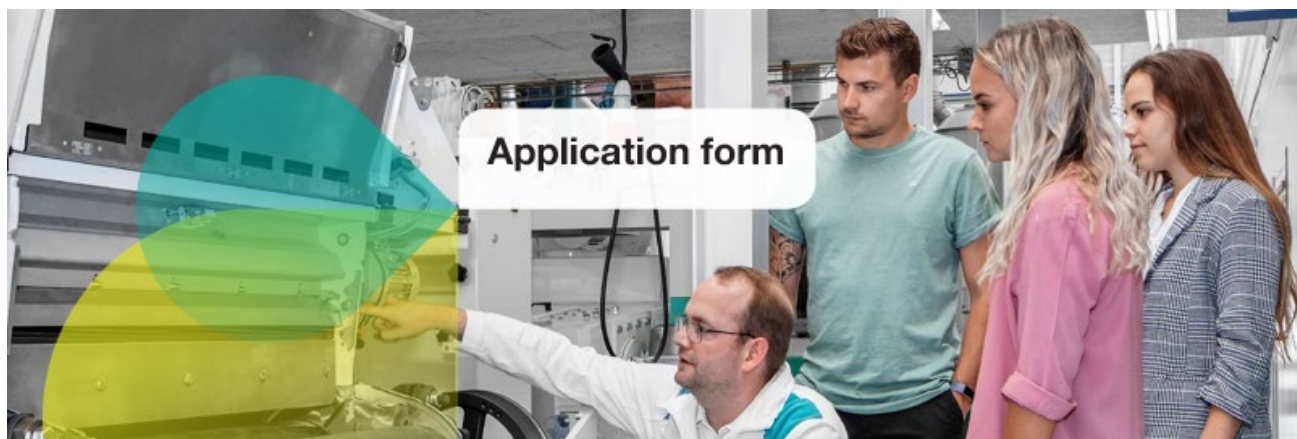
CH-9240 Uzwil, Switzerland

T +41 71 955 30 58

www.buhlergroup.com/academy

millingacademy@buhlergroup.com

8 Application form⁷



Course: _____

From: _____

To: _____

Family name: _____

First name: _____

Date of birth: _____

Nationality: _____

Passport no: _____

Expiry date: _____

Company: _____

Address: _____

E-mail: _____

Phone no: _____

Mobile phone no: _____

Present function: _____

Invoicing address: _____

Date/time of arrival (flight no): _____

Date of departure: _____

Date: _____

Signature: _____

Please send the application form to millingacademy@buhlergroup.com or contact us: +41 71 955 30 58.

⁷ By sending this application I agree to the general terms and conditions.

General Terms and Conditions for training services on Bühler sites

1. General

These General Terms and Conditions (hereinafter “GTC”) are applicable for all contracts concluded with Bühler AG (hereinafter “Bühler”) for customer-specific training services as well as contracts concluded by way of our online portal at www.buhlergroup.com (hereinafter “Online Portal”) for standard training services which are provided by Bühler on Bühler sites, provided that no different agreement has been made in the individual contract in writing. Changes and / or amendments to these GTC are only accepted if agreed between the parties in writing.

2. Conclusion of contract in case of customer-specific training services

In case of customer-specific training services the customer requests a quote of Bühler by telephone or by e-mail. The contract between Bühler and the customer comes into effect with the signature of the respective training contract by Bühler and the customer.

3. Conclusion of contract in case of standard training services

The binding registration of a customer is made electronically through the Online Portal by submitting the filled-in registration form for the respective participant. The contract between Bühler and the customer for standard training services comes into effect with the confirmation of registration by Bühler, which is sent to the e-mail address provided by the customer.

4. Postponing / cancellations / adjustments of training services

- a) In case of an insufficient number of participants, Bühler explicitly reserves the right to cancel or postpone planned trainings until 4 weeks before the scheduled start of the training. In case of a cancellation by Bühler, paid training fees will be fully refunded. No other compensations are provided by Bühler. Cancellations and postponements of the trainings do not entitle the customer to claim any damages from Bühler.
- b) Brochures, catalogues as well as documentations from Bühler concerning the training services are non-binding. Bühler explicitly reserves the right to make minor adjustments concerning the schedule and the localities as well as to replace the training leader or speaker in case of sickness or other non-availability.

5. Training material

Bühler reserves all rights in any provided training material and documentation. Such material is provided to participants on a nonexclusive right to use that material only for the purpose of the respective paid training. Any other use, the making of unauthorized copies and / or the distribution to third parties is strictly prohibited without the prior written consent by Bühler.

6. Costs and fees

Prices for the participation in trainings (hereinafter „Training Fee“) are understood net without any deductions and for each training participant. The applicable statutory value added tax (VAT) is not included in the Training Fee and is indicated separately on the invoice. The costs for accommodation (1 night before the start of the training and 1 night per full training day), of breakfast, of surrendered training material and of possible transport between the hotel and training site are included in the Training Fees. Training participants shall be accommodated in a three-star hotel according to local conditions, unless otherwise agreed upon in the individual contract. The costs of travel shall be borne by the customer in any case. All other costs, such as costs for an extension of the stay after completion of the training, meals and drinks outside of trainings as well as any telephone charges are to be borne by the customer respectively the participant.

7. Payment terms

- a) The Training Fee is due and payable without deduction immediately after receipt of the invoice.
- b) If a training registration is cancelled by the customer, Bühler will charge the following fees:
 - Cancellation 22 or more calendar days before the start of the training: no cancellation fee
 - Cancellation within 21 to 11 calendar days before the start of the training: cancellation fee of 10% of the entire Training Fee
 - Cancellation within 10 to 3 calendar days before the start of the training: cancellation fee of 50% of the entire Training Fee
 - Cancellation 2 or less calendar days before the start of the training: cancellation fee of 100% of the entire Training Fee.

Any cancellation must be received by Bühler in writing at the latest on the indicated day.

- c) The customer is entitled to designate a substitute participant, if he informs Bühler about it in writing prior to the start of the training.

8. Place of performance

Place of performance for all contractual obligations are the Bühler sites indicated in the training documents, unless otherwise agreed in the individual contract. For reasons of health protection, training participants are obliged to strictly follow the instructions of the training leader and of Bühler on training premises at any time. Equipment, machinery, and rooms on the training premises shall only be used and operated within the context of the training and in presence of the training leader.

9. Visas / permits

It is the sole responsibility of the customer to obtain all necessary permits and visas in time. He must take into account that trainings may (according to the respective training outline) take place in different countries. All costs resulting from a delay caused by obtaining the permits and visas not in time, are to be borne by the customer.

10. Insurances

It is within the responsibility of the customer to conclude insurance policies to cover for example possible illness, accidents, or medical treatment of the training participants. Bühler will not conclude any insurance coverage for training participants.

11. Travel Information

Information regarding accommodation and travel will be provided to the customer in due course. Any special requirements in relation to the accommodation or meals must be communicated to Bühler in writing at an early stage. Otherwise Bühler will offer European meals and drinks.

12. Force Majeure

- a) Bühler shall be entitled to suspend or cause the suspension of the training in case that events beyond the control of Bühler, which were unforeseeable at the time of conclusion of the individual contract such as e.g. fire, explosions, natural disaster (e.g. earthquake, flood), epidemics, mobilization, confiscation, war, acts of piracy, riots, embargos, boycotts, lack of means of transport etc. render the performance of the training impossible or unreasonably difficult: the same principles apply if subcontractors of Bühler are affected by such events.
- b) Bühler shall notify the customer in writing within due time on the occurrence and end of such events of Force Majeure.
- c) The term for fulfilment of the contractual obligations shall be extended for the duration of the Force Majeure events and their effects.

d) Bühler shall be entitled to terminate an individual contract in writing, should an event of Force Majeure last continuously for more than six weeks. In such a case the customer shall indemnify Bühler for the works and services performed as well as for the costs accrued prior to the occurrence of the event of Force Majeure.

13. Liability

a) Subject to provisions to the contrary in these GTC or to mandatory provisions of the applicable law, neither party shall be liable towards the other for any indirect or consequential damages, such as, but not limited to, loss of contracts, loss of use, loss of profit and any other indirect or consequential damages.

b) Subject to the mandatory provisions of the applicable law Bühler's overall liability shall be limited to the amount of the Training Fee.

14. Termination of an individual contract

a) Bühler is entitled to terminate an individual contract with immediate effect if aa) the customer has not paid the Training Fee according to clause 7 a); or bb) the customer has violated a provision of these GTC, and such breach has not been cured within 5 (five) days after Bühler has notified the customer of such breach. In such a case Bühler is entitled to entirely retain the Training Fee.

b) In the event of cancellation of the registration by the customer a reimbursement is made according to clause 7 b) where applicable.

15. Place of jurisdiction / applicable law

The place of jurisdiction for all disputes arising out of or in connection with these GTC and the individual contract shall be exclusively CH-9240 Uzwil. These GTC and the individual contract shall be governed by the Swiss substantive law.

Bühler AG, CH - 9240 Uzwil