# Feed Milling Mechanical Training

**29 September - 03 October 2014**

**Venue:** Grain Processing Training Center Bühler Uzwil / Switzerland  
**Working hours:** 08.00 - 09.30 / 10.00 - 12.00 / 13.00 - 18.00

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<th>Day</th>
<th>Time</th>
<th>Session</th>
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<td>Monday</td>
<td>08.00-09.00</td>
<td>Welcome, Introduction &amp; Organization</td>
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|         | 09.00-18.00 | **Intake** – Drum sieve MKZM  
Focus on drum sieve, inlet chute  
**Intake** – Drum magnet DFRT  
Focus on drum and magnetic core  
**Dosing** – Oscillating slide DMDS  
Focus on pneumatic piston (Retrofit) and supporting bearing  
**Dosing** – Rotary bin discharger DMBG / SPAN  
Focus on shaft seal and segment slide  
**Weighing** – Double vane flap DFWG  
Focus on vane flap and EBRO flap seal  
**Size reduction** – Throw sieve DFTA  
Focus on sieves and vibrating motor  
**Mixing** – Centrifugal sieve DMHX  
Focus on sieves, beater rails and brushes  
**Conditioning** – DPSA, DDHA, DCHA, DVHA  
Focus on heating pads |
| Tuesday | 08.00-15.30 | **Size Reduction** – Hammer mills DFZK, DFZP with feeder units  
- Replacement of feeder drum and segment slide  
- Replacement of wearing parts  
- Replacement of rotor bearings  
- Alignment of semi elastic coupling  
- Replacement of seals  
- Replacement of rotor  
- Replacement of linear drive |
|         | 16.00-18.00 | Feed Safety: Focus on mechanical maintenance  
- Hazards  
- Critical control points |
|         | 18.00-22.00 | Social event |
| Wednesday | 08.00-12.00 | **Size reduction** – Roller mill DFZL  
- Replacement of roll package  
- Replacement of roll bearing  
- Replacement of roll gap spindle  
- Adjustment of toothed belt |
|         | 13.00-18.00 | **Mixing** – Batch mixer DFML  
- Replacement of shaft mounted gear box  
- Replacement of rotor bearings  
- Replacement of inflatable seals (Retrofit)  
- Adjustment of pneumatic control system |
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| Thursday       | 08.00-12.00 | Pelleting – Pellet mill DPHD/E  
|                |            | - Replacement of poly V-belts  
|                |            | - Replacement of quick-pack pressure cushion  
|                |            | - Replacement of roll gap transmission shaft  
|                |            | - Instruction on central lubricating system  
|                | 13.00-15.00| Pelleting – Roll holder shaft DPAA  
|                |            | - Replacement of die and rolls  
|                |            | - Replacement of main bearings  
|                | 15.00-18.00| Visit of a Feed Mill – Active learning transfer  
| Friday         | 08.00-12.00| Pelleting – Roll holder shaft DPAA  
|                |            | - Replacement of wearing ring  
|                |            | - Replacement of bronze bushings  
|                | 13.00-16.00| Pelleting – Pellet mill DPDEE/F  
|                |            | - Instruction in the assembly hall (depending on availability)  
|                | 16.00-18.00| Wrap-up  
|                |            | - Final exam  
|                |            | - Course end / handover of certificates  

**Remarks**  
- **Feed Milling Electrical Maintenance Trainings** may be conducted upon request.  
- We reserve the right to adjust the schedule if necessary for organizational reasons.  
- For customized training programs please contact us at [service.academy@buhlergroup.com](mailto:service.academy@buhlergroup.com).