



Course no. 11: Dairy Control – International standards		Duration : 1 day
Target audience	<p>The course is targeting commercial and/or technical personnel who want to obtain knowledge on some of the leading international standards applied in dairy automation & IT.</p> <p>Knowledge which can be very usefull both in connection with project work related to new installations, but also as foundation for understanding your present installation.</p>	
Prerequisites	<p>Knowledge and/or interest in dairy processes and dairy automation & IT 😊</p>	
Short description	<p>The course will give you introduction to the following leading international standards applied in the dairy industry & dairy automation and IT:</p> <p>ISA S88 – Batch control The standard includes a number of usefull terms/models which can be used when describing & designing your process plant and plant processes & functions.</p> <p>ISA S95 – Enterprise-Control System Integration The standard includes a number of models on how to design and structure the interface between your finance system (ERP) and the production control system.</p> <p>ISA S101/S18 – Alarm management / Human-Machine Interfaces These standards includes best practise and a number of models related to designing the user interface for a dairy control system.</p> <p>PackML – Packaging Machine Language The standard defines a common approach, or machine language, for filling & packaging machines. By using the standard you will acheive a common “look and feel” for filling & packaging lines.</p> <p>The course will include a number of small exercises on how to use the included standards.</p>	
Objectives	<p>Upon completion of this course the attendant will have obtained knowledge and understanding, on how the included standards can be used and applied in the dairy industry, and work as foundation for design and structuring of dairy automation & IT solutions.</p>	