



Program and Registration



Joint Technical Meeting
MBAA-Rocky Mountain District and ASBC Wild West Chapter
Thursday, November 7, 2013, 5:30PM-9:00PM
6th Floor - in Bill's Bar and the Coors Auditorium
MillerCoors
13th & Ford Streets, Golden, Colorado 80401

Registration deadline: Monday, November 4, 2013
Register at <http://knudsenbeverageconsulting.com/>

Fee structure	member	non-member
<p><i>Due to room limitations the registration is first come first served</i></p> <p><i>Limited to max. 130 and will close on Monday November 4th or when the max. number has been reached. Late or at the door registrations not accepted</i></p>	\$15	\$30
<p><i>Shuttle fee from Fort Collins</i></p>	\$20	\$20
<p><i>The Shuttle <u>departs</u> from <u>Odell</u> at 3:45 PM and from <u>Harmony</u> at 4 PM. The Shuttle bus has <u>limited space</u> so early registration is recommended!!!</i></p>		

Program

5:30 - 6:30	Registration and Social
6:30 - 6:45	Business Meeting
6:45 - 7:45	Dinner
7:45 - 8:15	Technical Presentation: <i>Novel Options for Stabilization of Beer</i> Mustafa Rehmanji, Global R&D / Technical Service Manager at Ashland, Inc.
8:15 - 9:00	Closing social

Brewers please bring "samples" of your favorites to share at the meeting!
Please bring to the brewers taste table at the bar



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Author/Presenter:

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Title:

Novel Options for Stabilization of Beer

Abstract:

Stabilization is an important stage in the production of beer, where an attractive appearance and flavor are considered key quality determinants. Whilst current procedures usually concentrate on additions after fermentation - e.g. on transfer to maturation, or at filtration - little has been reported on colloidal stabilization earlier in the brewing process.

This presentation describes two novel composites for complete stabilization of beer by a single addition, one UPSTREAM in the kettle and the other DOWNSTREAM before filtration.

A procedure using "Polyclar Brewbrite, Composite of Kappa Carrageenan and micronized PVPP" for stabilizing beer in the brewhouse has been developed, which can be adopted to simplify the downstream processing and reduce cost. Elsewhere, it could provide an additional mechanism to chill-proof 'difficult' beers in challenging environments. The benefits of this composite will be discussed.

Traditionally, beers are stabilized prior to filtration. Using the "Polyclar Plus 730, Composite of Silica Xerogel and Micronized PVPP" composition will enable combined stabilization of beer by simultaneous removal of both haze-active components in beer. Some of the advantages of this approach include a single addition of the stabilizer for complete stabilization of the beer requiring no specialized dedicated equipment for dosing the stabilizer into the beer. Properties, advantages and plant trial results with Polyclar Plus 730 will be discussed.

C.V. - Brief:

Mustafa Rehmanji is the Global R&D / Technical Service Manager at Ashland, Inc. He has more than 30 years of experience as a Technical Brewer and has a BS in Chemistry, a degree in Business, and a Diploma in Brewing Technology. Mustafa is an active member of the Master Brewers Association of the Americas and the American Society of Brewing Chemists. He has published and presented numerous papers in industry journals and conventions.