

Abstract

ROYCE, Stephen, Rhoten, Chris, Blowers, Mike, Howe*, Robert. Bury St Edmunds Sugar Factory, Hollow Road, Bury St Edmunds, Suffolk, IP32 7BB. **Factory Trial Dorr versus BMA65** . British Sugar uses Dorr Carbonatation as a method for beet raw juice purification. This purification technique has remained unchanged in British Sugar for many years whilst others have reviewed and installed classical purification processes. The classical purification process incorporates a ‘hot liming stage’ that results in juices of lower colour and increased thermostability however the downside is a loss of ‘physical properties’ namely settlement and filtration. British Sugar intend to carry out a trial that incorporates a ‘hot liming’ process using the BMA65 purification principles at their Bury St Edmunds factory during the 2016/17 Campaign with the objective to directly compare the two purification methods. The paper discusses the results and observations made during the trial.