

ICMA Clinker Sample Exchange Program Guidelines

(Pending for discussions and revisions)

The ICMA Clinker Sample Exchange Program operates based on the following guidelines:

- 1) Grab sample from a cement plant. No composite samples
- 2) Clinker should be sieved to pass 1/2" and be retained on a #4 seive
- 3) Approximately 60 grams is provided to each participant. Samples can be sent in well-sealed bags or bottles, whichever is most convenient for the provider
- 4) Sample analysis can be by whatever method the participants use in their normal evaluations. An Excel spreadsheet-based form will be provided to each participant for data reporting
- 5) The sample provider compiles the data from the participants and sends out an anonymous final report. Excel spreadsheet-based forms are available for the data compilation

In the past, three samples were sent out each year, all by volunteers. If anyone is interested in volunteering to provide a clinker sample, or participating in the program, please contact Dr. Hugh (Xiaoqiang) Hou via e-mail at hhou@wje.com. We will need a mailing address for each participant. More details about the program are provided [here](#).

This program provides an inexpensive means of getting a sample of your clinker analyzed by many different people using several different methods, and allows you to evaluate your own technique. Raw meals are also encouraged to be included in the sample package to evaluate the burnability and mineralogy of different size fractions, pending on further discussions by the Committee. XRD, SEM-EDX, and chemical analysis can also be conducted at the participant's laboratory.