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 THE PORT AUTHORITY OF NY & NJ

August 16, 2010

Mrs. Fatma M. Amer, P.E.
1st Deputy Commissioner
Technical Affairs & Chief Code Engineer
NYC Department of Buildings
280 Broadway, 7th Floor
New York, NY 10007

Dear Fatma:

The Port Authority of New York & New Jersey has submitted an application for our concrete laboratory to be licensed by NYC DOB, and we are certain we will obtain the license shortly.

We are requesting authorization to approve proposed concrete mix proportions on the satisfactory results of one laboratory trial batch and not the typical four at the World Trade Center (WTC) Redevelopment project.

As you know, there are two accepted methods for approving proposed concrete mix proportions. Approvals can be based on either field or laboratory trial mix data. On occasion, we can support mix proportion approval for some mixes based on our field data, but for most batch plants, materials have changed and laboratory tests are required.

We are being required to batch concrete and test proposed mix proportions for work performed at the WTC in our concrete laboratory, because testing laboratories are reluctant to provide the standard laboratory trial test results for proposed concrete mix proportions.

The laboratory trial mix proportions batched for any given design and placement condition are based on our collective experiences, and we are familiar with most of the materials being batched. If the one trial mix meets the over design requirements, it serves no practical purpose to batch three similar mix designs for additional confirmation. For many submitted concrete mix proportions, we have field test data for similar mixes. Furthermore, on many occasions, we are rebatching a previous mix that had performed well, but we are changing only one of the material sources.

It is our professional opinion that batching one confirmatory trial laboratory mix that meets the strength over design, as required by code, should provide sufficient proof that the proposed mix will meet strength requirements.

241 Erie Street
Jersey City, NJ 07310
T: 201 216 2984

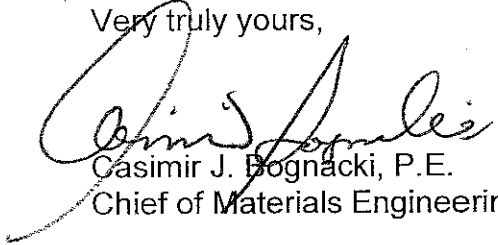


THE PORT AUTHORITY OF NY & NJ

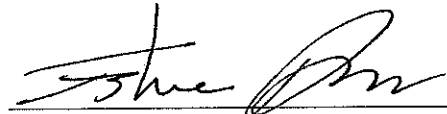
Letter to Fatma M. Amer
1st Deputy Commissioner –
Technical Affairs and Chief Code Engineer
August 16, 2010

Based on the above, when concrete mix design submittals are supported by Port Authority laboratory data, authorization is requested to approve these concrete mix proportions with only one laboratory trial batch.

Very truly yours,


Casimir J. Bognacki, P.E.
Chief of Materials Engineering

Approved:


Fatma M. Amer, P.E.
Deputy Commissioner
Technical Affairs & Chief Code Engineer
NYC Department of Buildings

8/30/10
Date

cc: Francis J. Lombardi, P.E.
Chief Engineer
The Port Authority of NY & NJ

Peter J. Zipf, P.E.
Deputy Chief Engineer
The Port Authority of NY & NJ

James Starace, P.E.
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Engineering Department

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