



## INDIANA DEPARTMENT OF TRANSPORTATION

*Driving Indiana's Economic Growth*

La Porte District Testing  
315 Boyd Blvd  
La Porte, IN 46350

PHONE: (219) 325-7442  
FAX: (219) 325-7468

Eric Holcomb, Governor  
Joe McGuinness, Commissioner

January 19, 2017

Source #2478, Q#982106  
Phoenix Services, LLC  
1190 East Loop Road  
Portage, Indiana 46368

Attn: Ryan Church

Re: Quality Control Plan (QCP) ANNEX for IN 8 acbfs Target Mean, and CAT Change.  
Phoenix Services at Mittal Steel- Indiana Harbor West, Source #2478.

Dear Mr. Church:

The ANNEX has been reviewed and approved by the District. Enclosed is the ANNEX approving the target mean and control limits established for your IN8 acbfs, and the addition of Dan Walters as a Certified Aggregate Technician (CAT). Please add these changes to your Addenda Summary Sheet. Changes to the QCP shall be submitted to the District in the form of addenda by April 1, 2017. A copy of the ANNEX has been forwarded to the Office of Materials Management, and to the appropriate area testing lab.

Should you have any questions regarding this matter, please contact this office and we will be glad to assist you.

Sincerely,

Nathan Butts, MS, PE  
District Testing Engineer

NB/mb

cc: Robert Rees  
LaPorte District Geologist  
LaPorte Lab Supervisor  
File - M:\District Geologist\Addenda\#2478\2478-2017.01

Attachments: ANNEX and Phoenix's Statistical Analysis Report.

3/27/09

QCP ANNEX

Company PHOENIX SERVICES

Source No. 2478

Q No. 982106

NEW CERTIFIED MATERIAL ADDITION

Size Designation: \_\_\_\_\_ Specification: Standard or QA (see attached gradation)  
Originating SC #: \_\_\_\_\_ Category Rating: IA IB IIA IIB III GS-A GS-B

Circle all that apply

Type: [Stone] [Gvl (Crushed/Uncrushed)] [Sand (Man./Nat./Slag)] [Slag (ACBF/SF)]  
[Dolomite Approved (ITM 205)] [Recycled Concrete (Contract #: \_\_\_\_\_)]  
[Alternate Polish Resistant Aggregate (ITM 214)] [Other \_\_\_\_\_]

Product Quality Rating: AP AS A B C D E F NA

Ledges and/or Area of Production: \_\_\_\_\_

Does finished product go into Separate or Composite Stockpile? \_\_\_\_\_

Is material from New Production, Existing Stockpile, or Both? \_\_\_\_\_

Size of Existing Stockpile: \_\_\_\_\_ t Annual Production: <10000 t ≥10000t

EXISTING CERTIFIED MATERIAL REVISION

Current Size Designation: \_\_\_\_\_ Originating SC #: \_\_\_\_\_

New Size Designation: \_\_\_\_\_ Type (see above): \_\_\_\_\_

Ledges: \_\_\_\_\_ Product Quality Rating: AP AS A B C D E F NA

EXISTING CERTIFIED MATERIAL DELETION

Size Designation: \_\_\_\_\_ Originating SC #: \_\_\_\_\_ Type (see above): \_\_\_\_\_

Product Quality Rating: AP AS A B C D E F NA D# (DTE) \_\_\_\_\_

TARGET MEAN and CONTROL LIMITS REVISION

Certified Material: IN-8  
Current  $\bar{X}$ : N/A Existing Control Limits: 40-70  
New  $\bar{X}$ : 47.7  $\sigma$ : 4.50 # Tests: 13 New Control Limits: 38.7-56.7

CERTIFIED AGGREGATE TECHNICIAN REVISION

Delete CAT from QCP \_\_\_\_\_

Add CAT to QCP DAN WALTERS

Hutton Butts  
District Testing Engineer

1-19-2017  
Date

Henry Buerisma  
Management Representative

1/11/17  
Date