



pennsylvania

DEPARTMENT OF TRANSPORTATION

www.dot.state.pa.us

April 6, 2009

Mr. Ray Schnell
Carpenter Technology Corporation
181 West Bern Street
Reading, PA 19612

Re: PEQ# 2008-177
Enduramet 32 (UNS 24100) Stainless Steel Rebar
Supplier Code: (CARTC)

Dear Mr. Schnell:

Evaluation has been completed on your Enduramet 32 (UNS 24100) Stainless Steel Reinforcing Bar, manufactured at your production facility in Reading, PA.

Based on the information and independent test data you supplied and our own internal testing completed at the MTD laboratory, your **Enduramet 32 (UNS 24100) Stainless** is **provisionally approved** for listing in Bulletin #15 "Approved Construction Materials", under Section **709.1 (f) Stainless Reinforcing Bar**. Your provisional approval requires you to notify Engineering Technology Information Division at (717) 783-9673 whenever Enduamet 32 is intended to be used on a Department project. Failure to do so will result in the removal of this product from Bulletin 15. This letter may be used as proof of provisional approval until Carpenter Technology Corporation appears in Bulletin #15.

This approval expires on March 30, 2011, unless Carpenter Technology Corporation submits test results indicating Enduramet 32 (UNS 24100) meets the requirements for the long-term corrosion test using the cracked beam method described in Annex A of ASTM A955. The long-term corrosion test must be completed and submitted to the Bureau of Construction and Materials by **March 30, 2011**.

Please note that the samples received and tested by the Department met the requirements for Grade 75. While our specifications and designs indicate Grade 60 material, we will not allow for any design changes in reinforcement (reduction in number of bars) based on material meeting a higher yield strength than 60 ksi.

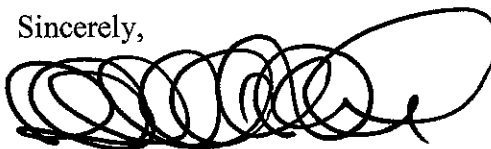
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It is mandatory that a "Certification of Compliance", Form CS-4171, be accurately completed and distributed as directed for all approved products shipped to Department projects. Form CS-4171 is attached and it may be duplicated as needed, or accessed on the PennDOT web site: <http://www.dot.state.pa.us/>. Click on Forms, Publications, & Maps then select PennDOT Sales Store and then go to the index of Publication 35, Bulletin 15 "Approved Construction Materials".

All products provisionally approved by the Pennsylvania Department of Transportation are subject to periodic inspection by our Quality Assurance Division.

Any changes to the company name, plant location, material suppliers, manufacturing process, etc., that may occur relative to this product, must be reported to this office within ten (10) days. If you have any questions, please contact Edward Reasner at (717) 783-2559, and refer to PEQ# 2008-177.

Sincerely,



M. Alaa Azab, P.E., Chief
Engineering Technology and Information Division
Bureau of Construction and Materials

Attachment

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423:04020901:MAA:NRB:ej

cc: T. L. Ferguson, P.E.
B. G. Thompson, P.E.
M. A. Azab, P.E.
J. S. Robinson, P.E.
W. J. Miller, P.E.
R. D. Horwhat, P.E.
T. L. Ramirez, P.E.
T. P. Macioce, P.E.
DME's / DMM's
N. R. Bitner
M. E. McGonagle
E. H. Reasner
D. H. Kuniega

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

**CERTIFICATE OF COMPLIANCE INSTRUCTIONS****Line #**

1. **COUNTY, LR/SR, SEC/SEG.**
To be completed by the party that will ship the material to the construction project, otherwise leave blank.
2. **NAME OF MANUFACTURER, FABRICATOR, COATER, PRECASTER OR PRODUCER**
Circle one; either Manufactured, Fabricated, Coated, Precasted or Produced as appropriate. Also, provide the name of the Manufacturer, Fabricator, Coater or Precaster of the material listed in Bulletin #15 or the name of the Producer of material listed in Bulletin # 14, 41 or 42. To be completed by the party that is shipping approved material to the next destination.
3. **MEETS SPECIFICATION REQUIREMENTS**
To be completed by the party that is shipping approved material to the next destination.
4. **SHIPPED TO**
List the name of company that the material is being shipped to.
5. **LOT NUMBER, QUANTITY, DESCRIPTION OF MATERIAL**
To be completed by the party that is shipping approved material to the next destination.
6. **CHECK THIS BLOCK IF YOUR PRODUCT CONTAINS IRON OR STEEL**
To be completed by the party that is shipping approved material to the next destination.
7. **VENDOR CLASSIFICATION CHECK ONE BLOCK ONLY**
If you are a Manufacturer, Fabricator, Coater or Precaster listed in Bulletin #15, or a Producer listed in Bulletin # 14, 41 or 42, check block # 1.

If you are a *Distributor, *Supplier or *Private Label Company of Bulletin #15 items, check block # 2.
* (These categories are not eligible for listing in Bulletin #15, however, you may provide material for PennDOT projects on condition that the material being shipped is listed in Bulletin #15.)
8. **CERTIFICATION REQUIREMENTS, Name, Title, Date, Company Name, and Signature**
Enter the required information and sign the Certificate of Compliance form.
9. **COMPLETE LINE # 9 ONLY IF YOU CHECKED BLOCK # 2 ON LINE # 7, OTHERWISE LEAVE BLANK**
List the company that sold the material to you. (Company Name)

IN ADDITION

2. & 5. **Private Label Companies** who complete the Certificate of Compliance form CS-4171 must **identify the true manufacturer** (Line 2) and the **approved material** (Line 5) as it is listed in **Bulletin # 15** under that manufacturers listing.

After completing the Certificate of Compliance form CS-4171, maintain the original at your company's location. A copy of the Certificate of Compliance form must accompany your material **shipment** to its next destination. Also, if you **receive material shipments** from other companies related to PennDOT projects, the accompanying Certificate of Compliance forms must be kept on file at your location. These files must be available for inspection and verification by a Department Representative for a period of not less than **THREE** years from the date of the last shipment.

