COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3869-15

Product Evaluation Coordinator
Colorado Department of Transportation
4670 North Holly Street, Unit A
Denver, Colorado 80216

Material code: 701.02.02.00

FOR INTERNAL CDOT USE

Material code description full name: Fly Ash, Class F

PART 1

Product name: RFACO - Class F Pozzolan

Product category: Concrete\Pozzolan\Fly Ash, Class F

Product representative (name & address):
Attn: Joseph Thomas
Magmatics Inc
100 E 155 South
Malad City, ID 83253
Phone: (208) 221-9382 FAX: (208) 766-2907

Manufacturer (name & address):
Attn: Jeff Whidden
CRM
POB 708
19147 US 84/285 Espanola, NM 87532
Phone: (505) 428-2940 FAX: (505) 753-8650

Web-site address: www.crminerals.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Class F Pozzolan certified per ASTM-C618 and AASHTO-M295

Note: Facility name and address producing the Fly ash will be inserted as the Manufacturer if approved.

Restrictions, (installation and/or use):
Use caution in temperatures below 50°F. Test in a trial mixture to determine if set times are adequate. Can be used in any concrete, grout, or mortar.

Use of the product, (be specific to CDOT highway activities only):
For use in all concretes which have been spec'd to include a pozzolan for protection against chemical attack including ASR and Sulfate attack.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
This Class F ash will increase long term concrete strength versus a control without pozzolan, will protect the concrete against chemical attack, and is located along Colorado's Front Range near Pueblo, CO.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☐ CDOT :
- ☒ ASTM : C 618
- ☒ AASHTO : M 295
- ☐ FHWA :
- ☐ other :

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : CTL-Thompson (3-11-2015)
- ☐ other :

State DOT Approvals, (current documentation required):

Sample submitted: ☒ yes ☐ no ☐ n/a

Materials Safety Data Sheets (MSDS): ☒ yes ☐ no ☐ n/a

Notes/Additional Comments