COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2537-03

Materials Laboratory
Colorado Department of Transportation
4201 East Arkansas Avenue
Denver, Colorado 80222

PART 1: Completed by Product Representative
PART 2: Completed by CDOT Product Evaluation Coordinator
PART 3: Completed by CDOT Expert Product Evaluator
PART 4: Completed by CDOT Materials Engineer

PART 1

Product name: Martin Drake Power Plant, Class F Fly Ash, High Lime

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

Product representative (name & address):
Ash Services Holdings {Kevin Dunn}
6596 Fuel Loop Rd.
Fountain Colorado, 80817
Phone: (719) 668-9017 FAX: (719) 668-9020

Manufacturer (name & address):
Martin Drake Power Plant
6596 Fuel Loop Rd.
Fountain, CO 80817
Phone: (719) 668-9017 FAX: (719) 668-9020

Description of product, (be precise, include product differentiation between your products &/or competitor's products):

Class F fly ash for utilization in concrete. This fly ash is high in silica, aluminum, and iron: 74.0%, and low in Calcium Oxide: 14.85%, which makes the ash very good for ASR control. The ash is transported from Martin Drake to the Ray Nixon Power Plant where it is electrically seperated. The Class F fly ash product produced has a consistent LOI.

Usage of product, (be specific to CDOT highway activities only):

This will be used in concrete mix designs.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

This ash is a Colorado produced material originally going to a landfill. The close proximity to the CDOT projects allows for a lower price and therefore less expensive concrete. The nature of the chemistry of the ash will make the concrete used in the CDOT projects last longer. QC/QA is automated and supported with the on-sight lab.

Specifications, (identify specifically those applicable) **& Certificate of Compliance** (submittal required):

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

Product testing, (national/independent laboratories) **& Certified Test Report** (submittal required):

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ☒ other : CTL Testing

State DOT Approvals, (current documentation required):

Evaluation Procedure, (recommended):

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

Notes/Additional Comments

Manufacturer's Web-site address:

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