COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2103-15

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

Material code: 711.02.01.00

FOR INTERNAL CDOT USE

Material code description full name: Concrete, Admixture

PART 1

Product name: Eucon NW	Product category: Concrete\Admixture\Water-Reducing
Product representative (name & address): Attn: Brian Lewis The Euclid Chemical Company 19320 Redwood Road Cleveland, Ohio 44110 Phone: (216) 692-8305 FAX: (216) 531-9399	Manufacturer (name & address): Attn: Brian Lewis The Euclid Chemical Company 19218 Redwood Road Cleveland, Ohio 44110 Phone: (216) 531-9222 FAX: (216) 531-9596
Web-site address: http://www.euclidchemical.com	Web-site address: http://www.euclidchemical.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

Eucon NW is a concentrated solution of refined lignosulfonate, polymer and other water reducing and plasticizing chemicals. Eucon NW has no added chlorides and will not promote the corrosion of steel. Eucon NW is a water-reducing, normal-set admixture for concrete which provides a more plastic and cohesive mix in fresh concrete and better durability, reduced shrinkage and less permeability in the hardened concrete.

Eucon NW meets or exceeds the requirements of:
- ASTM C 494, Type A
- AASHTO M 194

Restrictions, (installation and/or use):

Care should be taken to maintain Eucon NW above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly re-agitated.

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

• Ready mixed concrete • Prestressed concrete • Precast concrete • Lightweight concrete • Expansive concrete • General purpose concrete.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
- Provides easier handling and finishing
- Increases strength
- Provides increased durability
- Reduces shrinkage and permeability

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

- [x] CDOT : Standard Specifications, Section 711.03
- [x] ASTM : C 494, Type A
- [ ] AASHTO : M 194, Type A
- [ ] FHWA :
- [ ] other :

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

- [x] NTPEP-AASHTO : CADD-2013-01-031 Report date November 21, 2014
- [ ] FHWA :
- [x] other : American Engineering Testing, Inc. (November 21, 2014)
- [ ] other :

State DOT Approvals, (current documentation required):

ID, MO, NM, OK, OR, WS

Sample submitted: [ ] yes [x] no [ ] n/a | Materials Safety Data Sheets (MSDS): [x] yes [ ] no [ ] n/a

Notes/Additional Comments

A sample is available upon request at no cost to the DOT or customer.
This Form #595 is updated as of 2/23/2015.