COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2627-04

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: Sikament 86

Product category: Concrete\Admixture\Water Reducing, High Range

Product representative (name & address):
Sika Corporation {Ondrej Masek}
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: (201) 933-8800 FAX: (201) 933-6225

Manufacturer (name & address):
Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: (201) 933-8800 FAX: (201) 933-6225

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
Sikament 86 is designed for use in the Ready Mix and Precast Industry. Sikament 86 offers water reduction up to 30%. Sikament 86 can be used for production of Conventional and High Slump Concrete. Sikament 86 does not contain calcium chloride, formaldehyde or any other intentionally added chlorides and will not initiate or promote the corrosion of steel present in the concrete. Sikament 86 does maintain the slump life for up to 90 minutes. Sikament 86 is recommended for use in the production of all high strength concrete products, whenever high plasticity and increased early and ultimate strengths are required. Sikament 86 does not interfere with the air-void system in the concrete matrix.

Usage of product, (be specific to CDOT highway activities only):
Bridge decks, Bridge beams precast, columns, manholes, double T beams, I beams, hollowcore panels.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Reduced water/cement ratio increases early and long term compressive strengths of the concrete, decreases permeability and increases density of the concrete. This leads to faster production, extended life span of the structure, lower maintenace costs and extended service time. Higher early strengths allows for faster demolding and more efficient use of forms to precast producers.

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

- ☐ CDOT :
- ■ ASTM : C 494 Type A & F
- ■ AASHTO: M 194 Type A & F
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : SOR Testing Laboratories, Inc. (12-18-2000); Galbraith Laboratories, Inc. (07-02-01)

State DOT Approvals, (current documentation required):
Florida, Mississippi, North Carolina, New Jersey, New York, South Carolina, Tennessee, Texas

Evaluation Procedure, (recommended):

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

Notes/Additional Comments
Sample available after request to DOT at no cost.

Manufacturer's Web-site address: www.sikausa.com

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