COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2235-01

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:
Scotchlite, High Intensity Work Zone Sheeting (Series 3820)

Product category:
Traffic Control\Sign Sheeting\Construction Installation, Rigid Strata

Product representative (name & address):
3M Traffic Control Materials Division {Ted Denisuk}
9957 East 7th Avenue
Aurora, CO 80010
Phone: (303) 344-9423 FAX: (303) 344-2161

Manufacturer (name & address):
3M Company - Traffic Control Materials Division
3M Center, Building 225-5S-08
St. Paul, MN 55133-3225
Phone: (800) 553-1380 FAX: (800) 591-9293

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
High Intensity Work Zone sheeting is a highly reflective, wide angle, encapsulated lens sheeting for use on rigid substrates such as signs and barricades within the work zone. Colors available are white, orange, and yellow.

Usage of product, (be specific to CDOT highway activities only):
Series 3820 can be used on traffic control devices such as signs and barricades in the work zone. Has damage control durability.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Retains 80% of initial brightness after 3 years.
Low cost / high brightness.
Durable in the work zone.
Heat activitated and pressure sensitive.

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

- ☐ CDOT :
- ☒ ASTM : D 4956, Type III, Work Zone Class 1 & 2
- ☒ AASHTO: M 268-93, Type III, Class 1 & 2
- ☐ FHWA :
- ☐ other :

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

- ☒ NTPEP-AASHTO: Report 97 NTPEP 133
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ☐ other :

State DOT Approvals, (current documentation required):

Evaluation Procedure, (recommended):
Review NTPEP test results & past product performance.

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

Notes/Additional Comments
CDOT has used this product for over 10 years.

Manufacturer's Web-site address: www.3M.com/tcm

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