COLORADO DEPARTMENT OF TRANSPORTATION

# PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3670-13

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

Material code: 702.01.01.01

FOR INTERNAL CDOT USE

Material code description full name: Asphalt Cement, Binder, PG58-28

## PART 1

Product name: PG 58-28 (2013)

Product category: Asphalt\Binder\PG 58-28

Product representative (name & address):
Attn: Margo Joiner
Western Refining
6501 Trowbridge Drive
El Paso, TX 79905
Phone: (915) 775-7859 FAX: (915) 775-7857

Manufacturer (name & address):
Attn: Margo Joiner
Western Refining
6501 Trowbridge Drive
El Paso, TX 79905
Phone: (915) 775-7859 FAX: (915) 775-7857

Web-site address: www.wnr.com

Web-site address: www.wnr.com

**Description of the product:** (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Performance Graded Asphalt Cement designated as PG 58-28.

Manufacturing terminal located in El Paso, TX.

The PG 58-28 asphalt binder is typically produced by the refining of petroleum-based crude oil. Acid modification, alkaline modification, used oils that have not been re-refined, and carcinogenic modifiers shall not be used to make PG 58-28.

**Restrictions,** (installation and/or use):
PG 58-28 should be used for hot mix asphalt production in accordance with the requirements in Section 401 of the 2011 Standard Specifications.

**Use of the product**, (be specific to CDOT highway activities only):
The primary use is as an asphalt binder in the production of hot mix asphalt for road paving.

**Benefits to CDOT**, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
We offer a reliable supply of PG 58-28 to Colorado DOT projects which should hopefully save the DOT money on projects where our PG 58-28 binder is used.

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

- [x] CDOT : Standard Specifications, Table 702-1, PG 58-28
- [ ] ASTM :
- [ ] AASHTO :
- [ ] FHWA :
- [ ] other :

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

- [ ] NTPEP-AASHTO :
- [ ] FHWA :
- [x] other : CDOT Bituminous Lab
- [ ] other :

**State DOT Approvals**, (current documentation required):

Sample submitted: [x] yes [ ] no [ ] n/a

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

Notes/Additional Comments
Viscosity vs. temperature chart with our recommended laboratory mixing and compaction temperatures will be included with the MSDS sheet and our certificate of analysis.