COLORADO DEPARTMENT OF TRANSPORTATION

# PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3832-15

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

Material code: 702.01.01.05

FOR INTERNAL CDOT USE

Material code description full name: Asphalt Cement, Binder, PG70-28

## PART 1

Product name: PG 70-28 (2015)

Product category: Asphalt\Binder\PG 70-28

Product representative (name & address):
Attn: Kevin Carlson
Jebro Incorporated
2303 Bridgeport Drive
Sioux City, IA 51111
Phone: (712) 234-2834 FAX: (712) 234-2862

Manufacturer (name & address):
Attn: Ron Feltz
Jebro Incorporated
6331 Berwick Drive
Cheyenne, WY 82007
Phone: (712) 251-0676 FAX: (712) 277-8451

Web-site address: http://www.jebro.com

Web-site address: http://www.jebro.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 70-28.

A Manufacturing terminal which is located in Cheyenne, Wyoming.

The PG 70-28 asphalt binder is typically produced by the refining of petroleum based crude oil. PG 70-28 may need to be modified to meet the specifications. SB, SBS, SBR, and Elvaloy are polymers that are commonly used to make PG 70-28 when modification is necessary to meet the specifications. Acid modification, alkaline modification, used oils that have not been re-refined, and carcinogenic modifiers shall not be used to make PG 70-28.

**Restrictions,** (installation and/or use):

PG 70-28 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 70-28 to Colorado DOT projects which should hopefully save the DOT money on projects where our PG 70-28 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 70-28
- [ ] 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.