COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3728-14

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 (2014)

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: Kevin Carlson
Jebro Incorporated
2303 Bridgeport Drive
Sioux City, IA 51111
Phone: (712) 277-8855 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.

Manufacturing terminal located in Sioux City, Iowa.

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.