

Technical Report Documentation Page

1. REPORT No.

FHWA-CA-TL-3127-77-05

2. GOVERNMENT ACCESSION No.**3. RECIPIENT'S CATALOG No.****4. TITLE AND SUBTITLE**

A Study Of Vacuum Extractor, Vacuum Pycnometer, And Nuclear Procedures For Determining Asphalt Content In Asphalt Concrete

5. REPORT DATE

June 1977

6. PERFORMING ORGANIZATION**7. AUTHOR(S)**

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8. PERFORMING ORGANIZATION REPORT No.

19301-633127

9. PERFORMING ORGANIZATION NAME AND ADDRESS

Office of Transportation Laboratory
California Department of Transportation
Sacramento, California 95819

10. WORK UNIT No.**11. CONTRACT OR GRANT No.**

D-3-52

12. SPONSORING AGENCY NAME AND ADDRESS

California Department of Transportation
Sacramento, California 95807

13. TYPE OF REPORT & PERIOD COVERED

Final

14. SPONSORING AGENCY CODE**15. SUPPLEMENTARY NOTES**

This report was prepared in cooperation with the U.S. Department of Transportation, Federal Highway Administration.

16. ABSTRACT

This report documents a study of three test procedures used to determine the asphalt content of bituminous mixes. The primary equipment used for the three procedures were a vacuum extractor, a vacuum pycnometer (Yale), and a Troxler Nuclear Asphalt Content Gage (Model 2226). The test equipment, accuracy, cost, and repeatability are discussed for each procedure and recommendations regarding procedure selection are presented.

17. KEYWORDS

Asphalt extraction, vacuum extraction, nuclear asphalt content gage (Troxler), vacuum pycnometer (Yale), bituminous extraction

18. No. OF PAGES:

97

19. DRI WEBSITE LINK

<http://www.dot.ca.gov/hq/research/researchreports/1976-1977/77-05.pdf>

20. FILE NAME

77-05.pdf

DIVISION OF STRUCTURES AND ENGINEERING SERVICES
TRANSPORTATION LABORATORY
RESEARCH REPORT

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Vacuum Pycnometer, and Nuclear Procedures
For Determining Asphalt Content
In Asphalt Concrete**

FINAL REPORT

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19. SECURITY CLASSIF. (OF THIS REPORT) Unclassified	20. SECURITY CLASSIF. (OF THIS PAGE) Unclassified		21. NO. OF PAGES 97	22. PRICE