American Society for Testing and Materials (ASTM)

โดย : จิรวัฒน์ พรหมพร

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แผนกฝึกอบรม บริษัท บุ๊คโปรโมชั่น แอนด์ เซอร์วิส จำกัด

ปรับปรุงครั้งล่าสุด 09/05/50

Introduction

ASTM International หรือเดิมเรียกว่า American Society Testing and Materials เป็นองค์กรที่ไม่หวังผล กำไร ก่อตั้งขึ้นในปี 1898 ปัจจุบันมีสมาชิกมากกว่า 30,000 ้สมาชิกจาก 100 กว่าประเทศทั่วโลก ซึ่งให้มาตรฐานใน เรื่อง materials, products, systems และ services ที่ เชื่อถือได้สำหรับใช้ในการวิจัยและพัฒนา, ทดสอบ ผลิตภัณฑ์ คุณภาพของระบบ และสำหรับการค้าทั่วโลก

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| A | Α | << PREV | 1-50 | NEXT >> |
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| □ 2 D67: Histo | 25-01 Standard Practice for Direct Push Installation of Prepacked Screen Monitorin rical Practice 11/10/2001; Year:01; P.15 | g Wells in Unconsolidated Aquifers 🗧 |
| □ 3 D58. Activ | 51-95(2006) Standard Guide for Planning and Implementing a Water Monitoring Pro e Guide 2/15/2006; <i>Year:</i> 95(2006); <i>P</i> .9 | ogram 🔮 |
| □ 4 D58 Histo | 51-95(2000) Standard Guide for Planning and Implementing a Water Monitoring Pre rical Guide 1/1/2000; Year: 95(2000); P.9 | ogram 🗄 |
| □ 5 D59: Sedi Activ | 16-96(2002) Standard Test Method for Stion and Enumeration of <i>Clostridium p</i> ments by Membrane Filtration (MF) e Test Method 2/10/1996; <i>Year</i> :96(2002); <i>P</i> .8 | erfringens from Water and Extracted |
| □ 6 WK1 Prop | 2452- Standard Guide for Set of Data Elements to Describe a Ground-Water Site; P osed ; P.O | art Three-Usage Descriptors |
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| <mark>□ 8 WK1</mark> Prop | 2785- Standard Guide for Monitoring Aqueous Nutrients in Watersheds osed ; P.O | [|
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| □ 10 D61 Histo | 46-97 Standard Guide for Monitoring Aqueous Nutrients in Watersheds rical Guide 6/10/1997; Year:97; P.7 | Ē |
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| Active Test Method 2/10/1996 Developed by Subcommittee | ; Year:96(2002); P.8 : □ D19.24 | Ranked No. 5 in search results. |
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| Index Terms: | □ anaerobic bacteria □ <i>Clostridium</i> | <pre><< PREV NEXT >> Save Print Mark Back</pre> |
| | Clostridium perfringens indicator organisms pollution spore-forming bacteria water quality 07.100.20 | |
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| Standards Type: | Test Method | Reference |
| Book of Standards Volume: | 11.02 | Last Search Search Again Reset |

1. SCOPE:

1.1 This test method can enumerate Clostridium perfringens spores and vegetative cells from marine water, sediment, wastewater, ambient water, and drinking water. Since C. perfringens spores are present in large numbers in human and animal wastes and are resistant to wastewater treatment practices, extremes in temperature, and environmental stress, they are an indicator of present fecal contamination as well as a conservative tracer of past fecal contamination. It is the user's responsibility to ensure the validity of this test method for waters of untested matrices.

1.2 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents:

- D1129 📕 Terminology Relating to Water
- D1193 III Specification for Readent Water
- D1888 Methods of Test for Particulate and Dissolved Matter in Water
- D2777 📕 Practice for Determination of Precision and Bias of Applicable Methods of Committee D19 on Water
- D3370 Ke Practices for Sampling Water from Closed Conduits

• D3863 📕 - Test Method for Microbiological Water Ouality

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| No | << PREV 1-25 26-28 DC285_84 Standard Practice for Direct Preb Installation of Press ale d Server Manitoring | NEXT >> |
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| 2 | D6725-01 Standard Practice for Direct Push Installation of Prepacked Screen Monitoring V Historical Practice 11/10/2001; Year: 01; P.15 | Wells in Unconsolidated Aquifers 🖹 |
| 3 | D5851-95(2006) Standard Guide for Planning and Implementing a Water Monitoring Prog | ram 🗎 |
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| 7 | D5410-93(1998) Standard Guide for Set or paca crements to peschoe a Ground-water Sit Active Guide 12/10/1998; Year: 93(1998); P.12 | te; Part Three-Usage Descriptors |
| 8 | WK12785- Standard Guide for Monitoring Aqueous Nutrients in Watersheds Proposed ; P.0 | E |
| 9 | D6146-97(2002) Standard Guide for Monitoring Aqueous Nutrients in Watersheds Active Guide 6/10/1997; Year: 97(2002); P.7 | |
| 1(| D6146-97 Standard Guide for Monitoring Aqueous Nutrients in Watersheds Historical Guide 6/10/1997; Year: 97; P.7 | |
| | L. คลิกเพื่อบันทึกคำค้น 2. ค | าลิก OK |
| | 3. คลิก Saved Search เพื่อดูผลการบันทึก | |

| 11 Standards Worldwide | Saved Search |
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| ·别作 Standards Wondwide | |
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| 1 "water quality" | |
| 2 package Select /Deselect All | |
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|--------|---|----|--|--|--|
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| | 19 E1468-92(1997) Standard Practice for Collecting Benthic Macroinvertebrates with the Basket Sampler <i>Historical</i> Practice 1/1/1997; <i>Year</i> : 92(1997); <i>P</i> .4 | 8 | | | |
| | 20 D5244-92(2004) Standard Practice for Recovery of Enteroviruses from Waters Active Practice 6/1/2004; Year: 92(2004); P.3 | Ð | | | |
| | 21 WK3129- Standard Practice for Direct Push Installation of Prepacked Screen Monitoring Wells in Unconsolidated Aquifers Proposed 10/1/2003; P.0 | Ē | | | |
| V | 22 D6726-01 Standard Guide for Conducting Borehole Geophysical Logging-Electromagnetic Induction Active Guide 11/10/2001; Year:01; P.7 | Ð | | | |
| ☑ | 23 D5244-92(1998) Standard Practice for Recovery of Enteroviruses from Waters Historical Practice 12/10/1998; Year: 92(1998); P.3 | 3 | | | |
| V | 24 WK904- STANDARD PERFORMANCE SPECIFICATION FOR MAINTENANCE OF WATER QUALITY IN AMUSEMENT RIDES AND DEVICES WHERE BY DESIGN RIDERS OR OBSERVERS ARE CONTACTED WITH WATER Proposed 5/1/2003; P.0 | Ē | | | |
| | D3863-87(2003) Standard Test Method for Retention Characteristics of 0.40 to 0.45-µm Membrane Filters Used in Routine Filtration Procedures for the Evaluation of Microbiological Water Quality Active Test Method 3/27/1987; Year: 87(2003); P.3 | | | | |
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| < | < PREV 1-25 26-28 NEXT | >> | | | |
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Issue: 3 (2006) Issue: 2 (2006)

Issue: 1 (2006)

Volume: 2

- Issue: 10 (2005)
- Issue: 9 (2005)
- Issue: 8 (2005)
- Issue: 7 (2005)
- Issue: 6 (2005)

เลือกฉบับที่ต้องการ

| Table of Conte | ents |
|----------------|------|
|----------------|------|

| All ASTM Lournals | | |
|--|-----------------------------|------------------|
| | | ταριε οι σοπτεπτ |
| INTERNATIONAL Basic / Advanced Search Journal Browse Marked List Saved Search Help About >>> A | STM Standards | |
| Cement, Concrete & Aggregates (ARCHIVE) | | |
| Volume: 26, Issue: 2 (2004) | | |
| Table of Contents | | |
| 1 The Last Issue of CCA (and thoughts on Future Standards Issues) | | |
| Hooton RD | | |
| Page. 33-34 | | |
| 2 A Device for Studying Fresh Concrete Friction | | |
| Vanhove Y Djelal C Magnin A | | |
| Page. 35-41 | | |
| 3 Effect of Non-Uniform Straining in Concrete Compressive Strength Tests | | |
| Eaker I Tabsh SW | | |
| Page. 42-51 | | |
| 4 A New Method for Evaluating the Risk of DEF | | |
| TAgnit-Hamou A Petrov N | | |
| Page. 52-57 | | |
| 5 Influence of Specimen Geometry, Orientation of Casting Plane, and Mode of Concre | te Consolidation on Expansi | on Due to ASR |
| Smaoui N Berube MA Fournier B Bissonnette B | | |
| Page. 58-70 | | |
| 6 Measurement of Particle Size Distribution in Portland Cement Powder: Analysis of A | STM Round-Robin Studies | |
| Ferraris CF Hackley VA Aviles AI | | |
| Page. 71-81 | | |
| 7 Introduction to the Symposium on Cement-Admixture Interactions | | |
| Struble LJ Hooton RD Roberts L | | |
| Page. 83 | | |
| | | |



| ę | 4 | ASTM Journals | Search | Results |
|--|------------|---|--|------------------|
| INTI | ERN | ATIONAL Basic / Adversed Search Journal Browse Marked List Saved Search Help About >>> ASTM Standa | ards | |
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| | 1 | Water Pressure Measurement with Time Domain Reflectometry Cables Dowding CH Huang F McComb PS . 1996; 19(1): 58-64 (Geotechnical Testing Journal) | | 8 |
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| | 3 | Comprehensive Wave Propagation Model to Sove TDR Interpretations for Geotechnic Lin C Tang S . 2007; 30(2): 1-8 (Geotechnical Testing Journal) | al Applications | |
| | 4 | Electromagnetic Wave Propagation Model for Differentiation of Geotechnical Disturbance Dowding CH Summers JA Taflove A Kath WL . 2002; 25(4): 449-458 (Geotechnical Testing Jour | es along Buried Cables mal) | |
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| | 6 | Experimental Evaluation of Longitudinal Seismic Performance of Bridge Restrainers at In Vlassis AG Maragakis E Saiidi M . 2004; 32(2): 96-106 (Journal of Testing and Evaluation) | -Span Hinges | Ξ |
| | 7 | Electrical Arc Ignition Testing of Spacesuit Materials Smith S Gallus T Tapia S Ball E Beeson H . 2006; 3(8): 1-18 (Journal of ASTM International) | | |
| | 8 | Retrospective Measurement of Neutron Activation within the Pressure Circuit Steelwork with Prediction Thornton DA Thiruarooran C Allen DA Harris AM Holmes CG Harvey CR . 2006; 3(4): 1-8 (Journa | of a Magnox Reactor and al of ASTM International) | l Comparison 🛛 🖹 |
| 1. คำคันที่ใช้และจำนวนผลลัพธ์ที่ได้ 3. เลือกเรื่องที่ต้องการ | | | | |
| 2 | 2 | เลือกสืบดันกายในผลลัพธ์เดิมหรือสืบดันใหม่ | | |

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| Volume: | 26 | |
| Year: | 2004 | |
| Pages: | 42-51 | |
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| | | |
| Abstract: | | |

If a concrete specimen is tested to failure in compression and the machine allows the longitudinal strain in the specimen to be non-uniform over the cross-section of the specimen at its maximum load, then that load is lower than it would be if the strains were uniform. The results of an experimental study on the magnitude of the effect of non-uniform straining on apparent concrete strength are presented, showing how it varies for low, medium, and high strength concrete. Simple theoretical modeling is shown to reproduce the measured results well. Suggestions are also included for the application of the information presented.

เลือกแสดงเอกสารฉบับเต็ม

