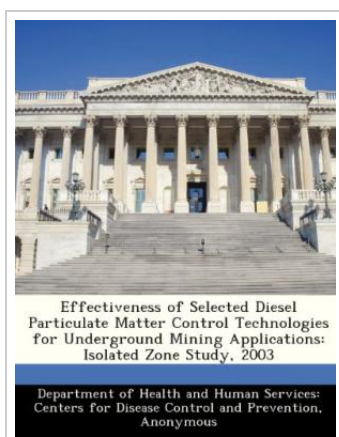




Effectiveness of Selected Diesel Particulate Matter Control Technologies for Underground Mining Applications: Isolated Zone Study, 2003

By Department of Health and Human Services: Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health (NIOSH)

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.NIOSH designed and conducted a study in an underground metal mine to assess the effects of selected diesel emissions control technologies on the concentrations of diesel particulate matter and gases in underground mine air. The control technologies studied included diesel particulate filter (DPF) systems, filtration system with disposable filter elements, diesel oxidation catalytic converter, and biodiesel blends. Each technology was tested on a mining vehicle operated in an isolated area of an underground mine supplied with fresh air. These isolated zone tests allowed for the operation of vehicles under conditions and over duty cycles that closely mimic actual duty cycles of production equipment. The DPF systems reduced the elemental carbon (EC) concentrations in mine air between 88 and 99 . The same systems reduced total particulate matter (TPM) concentrations in mine air by approximately 75 . The biodiesel blends B20 and B50 caused a reduction in the EC concentrations of 26 and 48 , respectively. Those blends also reduced TPM concentrations by 9 and 24 , respectively. The use of #1 diesel fuel reduced EC concentration by 13...



READ ONLINE
[4.11 MB]

Reviews

This publication is wonderful. Better then never, though i am quite late in start reading this one. I am very happy to tell you that here is the best book we have read through inside my personal daily life and could be he finest pdf for actually.

-- **Ms. Sydnee Lesch**

I just started off reading this article publication. This really is for all who statte there had not been a really worth looking at. You will not feel monotony at anytime of your own time (that's what catalogs are for about should you ask me).

-- **Prof. Jeremie Kozey**

Related PDFs



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and Junior Children how to read with this...



Fun to Learn Bible Lessons Preschool 20 Easy to Use Programs Vol 1 by Nancy Paulson 1993 Paperback

Book Condition: Brand New. Book Condition: Brand New.



Instrumentation and Control Systems

Elsevier Science & Technology. Paperback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Instrumentation and Control Systems, William Bolton, In a clear and readable style, Bill Bolton addresses the basic principles of modern instrumentation and control systems, including examples of the latest...



Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Sarah's New World: The Mayflower Adventure 1620 by Colleen L. Reece. Sisters in Time Series book 1. Christian stories for girls. Sisters in Time Series. Age 8-12,...



The Voyagers Series - Europe: A New Multi-Media Adventure Book 1

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching reading that provides students with a stimulating,...



Baby Tips for New Moms Vol 1 First 4 Months by Jeanne Murphy 1998 Paperback

Book Condition: Brand New. Book Condition: Brand New.