



## Laboratory and Field Performance of a Continuously Measuring Personal Respirable Dust Monitor

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 \*\*\*\*\*.The National Institute for Occupational Safety and Health (NIOSH), through an informal partnership with industry, labor, and the Mine Safety and Health Administration, has developed and tested a new type of instrument known as the personal dust monitor (PDM). The dust monitor is an integral part of the cap lamp that a miner normally carries to work and provides continuous information about the amount of respirable coal mine dust in the breathing zone of that individual. Testing was conducted on 25 prototype instruments in the laboratory to verify the instruments accuracy as received from the manufacturer and after a period of underground use. The laboratory testing verified previous work; there is a 95 confidence that the individual PDM measurements were within 25 of reference measurements. In-mine testing determined the precision, durability, and miner acceptance. Data from the mines showed a field precision of 0.078 relative standard deviation for the PDM and 0.052 for the recognized standard-the coal mine dust personal sampler unit. The PDM had about 90 availability for collecting valid information in over 8,000 hr of underground...



READ ONLINE  
[ 6.96 MB ]

### Reviews

*A top quality pdf and also the font applied was fascinating to read. It can be full of knowledge and wisdom I am effortlessly could possibly get a delight of studying a created ebook.*

-- **Oceane Stanton DVM**

*Complete guideline! Its such a excellent read. This really is for all who statte there had not been a worth studying. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Timothy Lynch**

## Relevant eBooks



### [Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer](#)

Createspace, United States, 2015. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The Children s Handwriting Book of Alphabets and Numbers provides extensive focus on alphabet tracing and number tracing for the...



### [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...



### [A Scandal a Secret a Baby 3122 by Sharon Kendrick 2013 Paperback Large Type](#)

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



### [Diary of a Miner Princess: On the Run: An Arthurian Fantasy Love Story for Minecraft Kids\(unofficial\)](#)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. Princess Emerald Heartstone refused to marry a man she didn t know. She wanted to marry for love. So when her...



### [Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .](#)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



### [Growing Up: From Baby to Adult High Beginning Book with Online Access](#)

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.