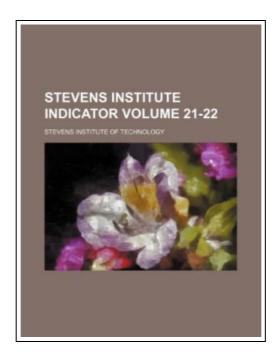
# **Stevens Institute Indicator Volume 21-22**



Filesize: 3.35 MB

## Reviews

The very best publication i at any time study. It really is basic but shocks inside the fifty percent of the ebook. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Marlin Swift)

#### STEVENS INSTITUTE INDICATOR VOLUME 21-22



Not Avail, United States, 2012. 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 download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1904 Excerpt: . the calorimeter and the weight of the products of combustion, the heat given up for the temperature difference can be calculated. A glass tube bent to the required shape was placed into the flue and a number of samples taken of which the following is the average analysis: CO2 = 6.3 percent. O = 14.55 per cent. N = 79.15 per cent. To find the amount of air used we must first calculate the analysis of the products of combustion if just enough air were supplied to completely burn the gas. The relation between the percentages of CO2 in both cases gives the quantity of air actually used during the test. AIR REQUIRED FOR COMPLETE COMBUSTION PER KILOGRAM OF GAS BURNED 0.25613 kg. CO require 0.25613 X = 0.14635 kg. O forming 0.25613 + 0.14635 = 0.40248 kg. CO 0.00638 kg. CH4 require 0.00638 X 4 = 0.02552 kg. O forming 0.01754 kg. CO2 and 0.01436 kg. HzO. 0.00092 kg. H require 8 X 0.00092 = 0.00736 kg. O forming 0.00828 kg. H2O. N accompanying O required (0.14635 + 0.02552 + 0.00736) = 0.60003 kg. Theoretical amount of air required to burn 1 kilogram of the gas is 0.17923 + 0.60003 = 0.77926 kg. Summing up: N in gas 56185 N in air for combustion 60003 N in products of combustion 1.16188 kg. CO2 in gas 16365 CO2 from CO 40248 CO2 from CH4 01754 CO2 in products of combustion 0.58367 kg. H2O in...



Read Stevens Institute Indicator Volume 21-22 Online Download PDF Stevens Institute Indicator Volume 21-22

#### Other Kindle Books



#### Free Kindle Books: Where to Find and Download Free Books for Kindle

Createspace, United States, 2011. Paperback. Book Condition: New. 196 x 130 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. REVIEWS: I was able to get my hands of literally millions of books...

Download ePub »



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

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

Download ePub »



#### Adobe Photoshop 7.0 - Design Professional

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

Download ePub »



Comic eBook: Hilarious Book for Kids Age 5-8: Dog Farts Dog Fart Super-Hero Style (Fart Book: Fart Freestyle Sounds on the Highest New Yorker Skyscraper Tops Beyond)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. BONUS - Includes FREE Dog Farts Audio Book for Kids Inside! For a...

Download ePub »



Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.BONUS - Includes FREE Dog Farts Audio Book for Kids Inside! For a...

Download ePub »