



Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach

By Paul Stanford Kupakuwana

Download now

Read Online 

Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana

Carbon Disulphide is used mainly in the rayon industry and as a precursor for fungicides, metal ores treatment and rubber chemicals. This book involves the design of a continuously operating plant to produce 80000 tonnes per year of Carbon Disulphide from natural gas and sulphur feed stocks. Basic chemical engineering principles are used. This includes a mass and energy balance; a process flow diagram for the complete process showing all major items of equipment; a piping and instrumentation diagram for the absorber/stripper section starting from the stabiliser feed drum including the two towers and associated equipment. The design shows the method of equipment protection from overpressure or excessive heat. The likely impact of power; cooling water; exchanger tube; and pump failure is reviewed. The Carbon Disulphide is produced according to international standards applicable to the industrial grade. The product is packed and transported according to accepted international safety regulations. This book targets the needs of individuals engaged in process engineering design. It will appeal to even the most analytical thinkers in chemical engineering including students.

 [Download Basic Design of a Carbon Disulphide Production Pla ...pdf](#)

 [Read Online Basic Design of a Carbon Disulphide Production P ...pdf](#)

Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach

By Paul Stanford Kupakuwana

Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana

Carbon Disulphide is used mainly in the rayon industry and as a precursor for fungicides, metal ores treatment and rubber chemicals. This book involves the design of a continuously operating plant to produce 80000 tonnes per year of Carbon Disulphide from natural gas and sulphur feed stocks. Basic chemical engineering principles are used. This includes a mass and energy balance; a process flow diagram for the complete process showing all major items of equipment; a piping and instrumentation diagram for the absorber/stripper section starting from the stabiliser feed drum including the two towers and associated equipment. The design shows the method of equipment protection from overpressure or excessive heat. The likely impact of power; cooling water; exchanger tube; and pump failure is reviewed. The Carbon Disulphide is produced according to international standards applicable to the industrial grade. The product is packed and transported according to accepted international safety regulations. This book targets the needs of individuals engaged in process engineering design. It will appeal to even the most analytical thinkers in chemical engineering including students.

Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana Bibliography

- Rank: #8154425 in Books
- Published on: 2012-08-21
- Original language: English
- Number of items: 1
- Dimensions: 8.66" h x .14" w x 5.91" l, .22 pounds
- Binding: Paperback
- 60 pages



[Download Basic Design of a Carbon Disulphide Production Pla ...pdf](#)



[Read Online Basic Design of a Carbon Disulphide Production P ...pdf](#)

Download and Read Free Online Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana

Editorial Review

About the Author

Dr. Paul Stanford Kupakuwana, EurIng, CEng MIET, FZweIE, FSAIChE, is a Zimbabwean native with significant general management skills and experience gained in the private and public sectors. Paul is founder and CEO in two firms, Chemical Process Industries P/L and Global Project Consultancy P/L. He is the author of over 20 peer-reviewed publications.

Users Review

From reader reviews:

Jerry Petrus:

Book is to be different per grade. Book for children until eventually adult are different content. To be sure that book is very important normally. The book Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach was making you to know about other information and of course you can take more information. It is extremely advantages for you. The publication Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach is not only giving you far more new information but also to be your friend when you sense bored. You can spend your own personal spend time to read your book. Try to make relationship with the book Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach. You never truly feel lose out for everything when you read some books.

Eleanor Walker:

This Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach are generally reliable for you who want to be considered a successful person, why. The main reason of this Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach can be one of the great books you must have is actually giving you more than just simple examining food but feed you actually with information that perhaps will shock your prior knowledge. This book is handy, you can bring it almost everywhere and whenever your conditions throughout the e-book and printed types. Beside that this Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach forcing you to have an enormous of experience for instance rich vocabulary, giving you trial of critical thinking that we realize it useful in your day task. So , let's have it and revel in reading.

Gloria Eller:

A lot of people always spent their particular free time to vacation as well as go to the outside with them family or their friend. Do you know? Many a lot of people spent that they free time just watching TV, or maybe playing video games all day long. If you need to try to find a new activity here is look different you can read a new book. It is really fun for yourself. If you enjoy the book that you read you can spent all day every day to reading a e-book. The book Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach it is quite good to read. There are a lot of people who recommended this book. These were

enjoying reading this book. When you did not have enough space to bring this book you can buy typically the e-book. You can more very easily to read this book out of your smart phone. The price is not very costly but this book possesses high quality.

Maria Hughes:

Your reading sixth sense will not betray you, why because this Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach e-book written by well-known writer whose to say well how to make book that may be understand by anyone who have read the book. Written throughout good manner for you, leaking every ideas and creating skill only for eliminate your own personal hunger then you still uncertainty Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach as good book not just by the cover but also through the content. This is one reserve that can break don't ascertain book by its deal with, so do you still needing yet another sixth sense to pick this!? Oh come on your studying sixth sense already said so why you have to listening to yet another sixth sense.

**Download and Read Online Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford
Kupakuwana #RZALVYNB1U0**

Read Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana for online ebook

Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana books to read online.

Online Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana ebook PDF download

Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana Doc

Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana MobiPocket

Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana EPub

RZALVYNB1U0: Basic Design of a Carbon Disulphide Production Plant: A Case Study Approach By Paul Stanford Kupakuwana