



## Reinforced Concrete Construction; Advanced Course, with Numerous Fully Worked Examples (Paperback)

By Mark Taylor Cantell

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. 1912 Excerpt: .rather small, no doubt f-inch distribution bars placed about 12 inches apart will be sufficient to meet the stress. Checking this amount by the usual formulae we get:  $d = 5.2$  (as these bars will be placed on top of the cross bars) = 4-83,  $a = 0-14$ , and  $b = 12$ . Hence This shows that with the above arrangement both the steel and concrete will be well understressed. The full thickness of the slab, including the bottom cover, will be 6 inches. Sides of Tank.--If the length of a side is less than 1 time its height, and the angles are securely tied together, the greatest tendency to burst will be in a vertical direction, and horizontal reinforcement will be required similar to the walls of Examples XIII. and XIV. The vertical distribution rods if placed about 12 inches apart will be...



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