



Cyclopedia of Mechanical Engineering; A General Reference Work on Machine Shop Practice, Tool Making, Forging, Pattern Making, Foundry, Work, Metallurgy, Steam Boilers and Engines, Gas Producers, Gas Engines, Automobiles, Volume 4 (Paperback)

By American School

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Rarebooksclub.com, 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. 1908 edition. Excerpt: . in the moist steam = 11,076 + 35,952a; Therefore, 11,076 + 35,952x = 45,324 35,952x = 34,248 x = 0.952 That is, every pound of moist steam contains.952 lb. dry steam and.048 lb. moisture; or we may say there was 4.8 per cent of priming. The formula may be derived by the following algebraic work: Total heat in bbl. after condensation = W /; Total heat in bbl. before condensation = w qt; Total heat brought over by steam = W q, -w ql; Heat of liquid in condensed steam = (IV. w) q; Latent heat in dry steam = x (W--w) r; Total heat in moist steam = x (W--iv) r + (W--w) q. Therefore, x (IF--w) r + (IV--w) q = W q2--w g; xr (W--w) = W q2--w ql--W q + w q; or, transposing to a more convenient form, w(q-gj-lfr(?-?2)...



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Reviews

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-- **Dana Hintz**

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-- **Elisa Reinger**