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Calculate The Mass Of Condensate Formed Per Kg Of Dry Air And The Energy Removed Per Kg. SOLUTION Following The Same Method As In The Previous Examples, The Mass Of Vapour At Exit Is Ms2 = 0.0131 Kg Per Kg Of Dry Air. The Vapour Pressure At Inlet Is 1.0 Bar. At Inlet The Relative Humidity Is 0.7 = φ1 = ω1(p - Ps)/(0.622pg) At 25oC. 2th, 2024

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2. THE BASIC GAS TURBINE CYCLE The Ideal And Basic Cycle Is Called The JOULE Cycle And Is Also Known As The Constant Pressure Cycle Because The Heating And Cooling Processes Are Conducted At Constant Pressure. A Simple Layout Is Shown On Fig. 1. Figure 1 Illustrative Diagram. The Cycle In Block Diagram Form Is Shown On Fig. 2. 1th, 2024

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