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Carbon Dioxide Degassification Tower Design – Project Example

Project Specifications

Water Flow = 900 gpm

Water Temperature = 55 °F

Water pH = 5.8

Total Alkalinity = 35 mg/L (as CaCO₃)

Inlet Free CO₂ = 130 mg/L

Required Outlet pH = 6.9

Tower Design

Tower Diameter = 7 ft

Air / Water Ratio = 30 ft³/ft³

Air Flow = 3,600 cfm

Packing Depth Required Per Specification

12.4 ft 3.5" LANPAC

Lantec Performance Warranty Applies*

Depth if Alkalinity = 0; 100% Free CO₂

6.0 ft 3.5" LANPAC

No Warranty Applies*

*Please contact Lantec Products to take advantage of our ***complimentary design service***. When Lantec assists in the design process, a performance warranty will apply to that project.