The Structural Design Of Air And Gas Ducts For Power Stations And Industrial Boiler Applications

American Society of Civil Engineers

The structural design of air and gas ducts for power stations and industries, including boiler applications. The design, analysis, and performance of air and gas ducts for power plants and industrial boiler applications are detailed in this book. The book covers the design of ducts for various types of power stations and boilers, considering the unique structural demands of these applications.

Design methods and techniques for large rectangular industrial ducts are discussed, including the ASCE 1.2 Duct logic method. The design of air and gas ducts for process power stations and industrial boiler applications is also covered.

The book is an essential reference for engineers, designers, and contractors involved in the design and construction of power plants and industrial boiler systems. It provides a comprehensive guide to the structural design of air and gas ducts, ensuring safety and efficiency in these critical systems.