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Fundamentals of the Heat Treating of Steel

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Fundamental Principles of Heat-Treating Steels

Heat treatment is a series of operations involving the heating and cooling of a metal or alloy in the solid state for the purpose of obtaining certain desirable characteristics. The rate of heating and cooling determines the crystalline structure of the material.

Heat Treatment of Steels: Hardening, Tempering, & More

principles of heat treatment, the fundamentals of furnace design & operation and concludes with an explanation of testing & quality control procedures. Who should attend Anyone requiring an

overall understanding of the principles & practicalities of heat treatment. This includes purchasers & vendors of heat treatment services, design

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Heat Treatment

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This introductory course outlines the metallurgical principles of heat treatment, the fundamentals of furnace design and operation and concludes with an explanation of testing and quality control procedures. The one day workshop is designed to give an understanding of the benefits of heat treating a range of metals and alloys.