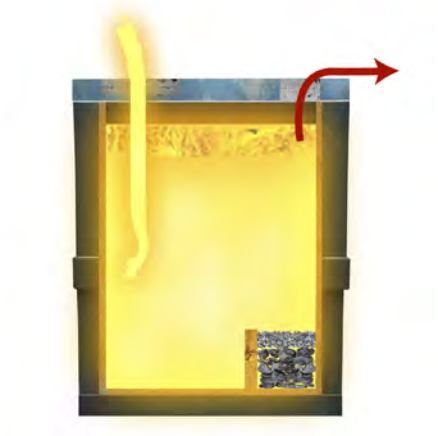
DUCTILE IRON FUNDAMENTALS [2ND ED.]

eLearning courses designed to increase productivity and profits



Learning made Simple, Visual, and Interactive

Ductile Iron Fundamentals introduces the learner to the properties, processes, and terminology associated with ductile iron production. This course also includes defect analysis of the manufactured product. Presented in THORS' highly visual and interactive learning format, this course will help foundry employees become familiar with the important equipment processing steps associated with their profession.

Credit Hours **3**

Learning Objectives

- Differentiate between ductile iron and other forms of iron.
- Understand the relationship between the microstructure and properties of ductile iron.
- Recall the ductile iron grades that are used for application-specific purposes.
- Comprehend the treatment methods of ductile iron processing.
- Understand the concepts of nodularity, inoculation, fading, and tensile and hardness testing.
- Understand the various heat treatment processes that might be used for ductile iron.
- Identify common defects that occur during the production of ductile iron castings.

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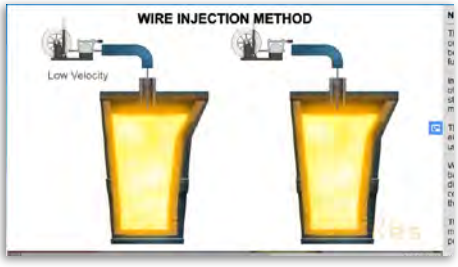

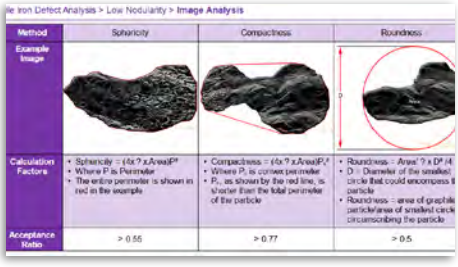

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