

NADCA EC – 515 Die Casting Defects

A one-day program devoted to understanding and identifying the probable causes of defective die castings.

Course Summary

The Die Casting defects 515 course will cover a wide variety of casting defects & understanding of possible causes of these defects.

Purpose

This course will provide useful information, skills and techniques to those individuals charged with the responsibility for handling castings & identifying casting defects. This will also give some clarity in correcting these defects.

Organization

The course is organized into four categories:

- 1. Process factors that control many defects, especially those concerning surface finish, cold flow and non-fills*
- 2. Metallurgy issues associated with defects. While all metals are covered, there is a special emphasis on aluminum.*
- 3. Identifying defects and diagnosing root causes and corrective actions*
- 4. Troubleshooting guide studied by type of defect in order to swiftly take the appropriate action.*

Materials: [Die Casting Defects-Causes and Solutions](#) & [Die Casting Defects-Troubleshooting Guide](#)

Date

April 17th, 2025

Location

*Cascade Die Casting Group – Sparta, Mi.
9983 Sparta Ave NW, Sparta, Mi 49345*

Class Time: 8:00am - 4:30 pm

Instructed By: Paul Brancleon, NADCA

Cost and Signup

Cost: Free for current individual chapter 3 members of NADCA.

\$105.00 for non-members, this will activate your membership, which allows the opportunity to take advantage of all the NADCA items. PayPal available.

Email: Don Torrey at Dtorrey@hillandgriffith.com to sign up.