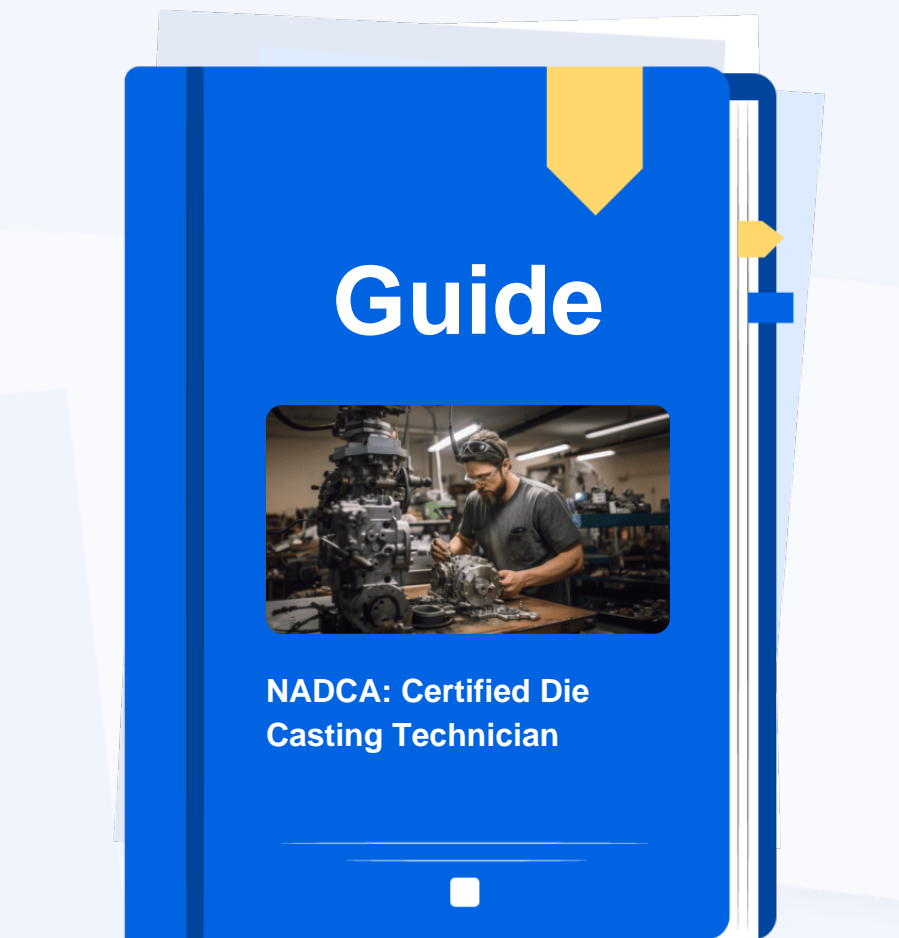


*Free Guide*

# NADCA: Certified Die Casting Technician



Skills management software  
for frontline workers

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## **What is NADCA?**

The North American Die Casting Association is a trade association for the die casting industry in North America. It provides services such as industry advocacy, education, certification programs, technical support, and networking and educational events to industry professionals.

## **Who needs a NADCA certification?**

The NADCA's certification program is open to any individual interested in proving proficiency in various areas of die casting. It consists of three levels, with level two being three separate certifications:

- Level I – Certified Die Casting Technician
- Level II – Maintenance, Process, and Tooling
- Level III – Master of Die Casting

Certification is not mandatory, nor does it offer successful candidates with a license, instead only acting as proof of proficiency and knowledge in die casting.

## **How to get NADCA certified**

To progress through each level of the NADCA certification course, candidates must complete “Job Function Kits” available through the NADCA website. These kits consist of online courses relating to areas of die casting such as:

- Advanced technologies
- Casting process
- Machine operator
- Melting and handling
- Die care and maintenance
- Energy management
- Tool design
- Production employee safety

The exact courses that a candidate must register for and attend depend on the level of the NADCA certification program. For example, for a “Process” certification, candidates must attend courses focused on die setup, casting process, post-processing, and quality. [For full course information, visit NADCA's website.](#)

Earning a Level III – Master of Die Casting certification, however, requires candidates to earn a Level I and all three Level II certifications, as it “encompasses all aspects of the die casting operation, from customer requirements to final shipping.” This means, to earn a Level III certification, candidates must attend all 22 online courses available through the NADCA’s “Job Kits.” They also must have three years of industry experience.

## **What is the cost of a NADCA certification?**

The cost of a NADCA certification varies, as the price of NADCA’s “Job Kits” differ depending on the area of focus. These prices range between USD \$200-1,000.

# What are the renewal requirements for a NADCA certification?

A NADCA certification is valid for three years, after which time candidates must prove that they have been pursuing continuing education courses or workshops from NADCA itself or from other accredited institutions.

## The benefits of a NADCA certification

Employees with NADCA certifications offer several benefits to organizations. Some key advantages include the following.



### Enhanced expertise

NADCA-certified employees demonstrate in-depth knowledge of die casting techniques, ensuring precise production and reduced errors, ultimately leading to improved product quality and customer satisfaction.



## **Increased efficiency**

With a NADCA certification, employees are equipped to implement advanced methodologies, streamlining production processes, minimizing downtime, and maximizing operational efficiency for the organization.



## **Compliance and safety**

NADCA-certified employees adhere to industry standards, ensuring strict compliance with safety protocols and regulations, mitigating risks, and fostering a secure working environment, thereby reducing potential liabilities for the organization.

## **The challenges in earning a NADCA certification**

Earning a NADCA certification may pose several challenges to employees. They include the following.



## **Rigorous training requirements**

Obtaining NADCA certification demands rigorous training, which can be time-consuming and require significant dedication from employees, potentially impacting their regular work commitments.



## **Cost implications**

Pursuing NADCA certification often involves significant costs for training programs, examination fees, and study materials, presenting financial challenges for employees, especially those with limited resources.



## **Competitive industry standards**

With the constant evolution of die casting technologies, maintaining NADCA certification requires staying abreast of the latest advancements, posing a continuous learning challenge for employees to remain competitive in the industry.

# **Tips and strategies for preparing for the NADCA certification program**

Here are a few tips for preparing for a NADCA certification:

- Thoroughly review the NADCA certification program syllabus and understand its key areas, focusing on core concepts and practical applications relevant to die casting.
- Gain hands-on experience through workshops, apprenticeships, or on-the-job training, allowing you to apply theoretical knowledge to real-world die casting scenarios and challenges.
- Collaborate with peers or industry professionals preparing for the same certification, exchanging insights, discussing complex topics, and collectively solving practice problems for enhanced learning and retention.

## Resources for a NADCA certification

For more information and guidance on the NADCA certification program, you can refer to the following resources.

**NADCA.** The [North American Die Casting Association's website is the most valuable resource](#) for those interested in completing the certification program. There, you will find a wealth of information regarding the program, courses, cost, and more.

**Manufacturing skills matrix.** AG5 offers a [free manufacturing skills matrix](#). You can use it to identify, track, and manage skills related to die casting – and therefore the NADCA certification program – in your organization.

# Skills management

## Skills management for the NADCA certification program

AG5 stores all certifications in the cloud, providing all authorized personnel with access to the right version of approved certifications. This helps you easily keep track of all data and documentation related to the NADCA certification program across your organization.

Using AG5's skills management software, you can monitor the status of any type of certification that is relevant to your workforce, leveraging intuitive dashboards that provide you with a clear understanding of exactly what is needed to keep your employees skilled and safe.

[Book a demo](#)

## FAQs about the NADCA certification program

## **What is the scope of the NADCA certification program?**

The NADCA certification program encompasses comprehensive training and evaluation of individuals' expertise in die casting processes, emphasizing industry-relevant knowledge, practical skills, and adherence to established standards for quality and safety.

## **Is a NADCA certification mandatory?**

NADCA certification is not mandatory, and does not provide successful candidates with a license for the die casting industry. However, it does serve as proof of expertise in areas of die casting, which can be beneficial to both employees and organizations,

## **How long does it take to obtain a NADCA certification?**

The time it will take to earn NADCA certification is often months to years, as "Job Kits" courses range from 14-53 hours. For Level II certifications and up, candidates are required to attend multiple courses.

## **What are the cost considerations for a NADCA certification?**

Cost considerations include the price of a NADCA "Job Kit," which is between \$200-800, and any other study materials a candidate wishes to use.

## **What is the validity period of a NADCA certification?**

A NADCA certification is valid for three years.

## **Can a NADCA certification be integrated with other management systems?**

Yes, a NADCA certification can be effectively integrated with other management systems, such as ISO standards, to streamline quality control, enhance process efficiency, and ensure compliance with broader industry requirements for comprehensive operational excellence.

## **How can you learn more about a NADCA certification?**

Visit the [North American Die Casting Association's \(NADCA\) website](#).

## **Sources**

[North American Die Casting Association \(NADCA\)](#).

## **Author**



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## Revisions

Original version | October 26, 2023

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