

GDTP (Y14.5)

Geometric Dimensioning and Tolerancing Professional Certification

Certify yourself - or your Design Engineers - to the latest Y14.5 – 2009 Standard

ASME GDTP Certification is now aligned to the ASME Y14.5-2009 Standard.

This means you can now demonstrate your understanding and application of the geometric dimensioning and tolerancing (GD&T) principles expressed in ASME's widely-applied Y14.5-2009 Standard — principles that form an essential element of the design language for mechanical engineering.

For top design engineers worldwide, ASME's Y14.5 Standard is the authoritative guideline for the design language of Geometric Dimensioning and Tolerancing (GD&T).

By designing parts and components using Y14.5, you can support your company's efforts to create a more efficient supply chain. Help reduce re-work, control costs and scheduling commitments, and improve quality for market growth and competitive advantage.

Support Your Career Growth

Earn the extra level of credibility that lets you be heard above the other voices when addressing dimensional problems. Help your company or your next employer enforce uniform communication of its product designs.

Since Y14.5 is a complex standard, GDTP Certification is a recognition of your understanding of its complexity. Achieving these credentials may enhance your ability to perform as a manager. Use your GDTP credentials to help position yourself as a dimensional mentor within your company and beyond — to its supply chain.

HELP IMPROVE QUALITY,
REDUCE COSTS,
AND CONTROL DELIVERY TIMES

Support Your Company's Growth

GDTP certification is a valuable long-term investment with many potential benefits to your company, including:

- **Accuracy** — Improve drawing translation and communication among your staff, suppliers and customers
- **Cost Savings** — Avoid potential mistakes and departmental finger-pointing. Reduce manufacturing re-work and inspection costs through the proper application of tolerancing schemes
- **Quality & Precision** — Ensure a high-level of engineering design. Improve the quality consistency of your products with the help of internationally accepted standards
- **Staff Development** — verify the GD&T proficiency of your design, manufacturing and inspection teams for HR staffing and training department planning
- **Supply Chain Efficiency** — streamline production and delivery processes by reinforcing exact engineering drawing and documentation interpretation - throughout your entire supply chain
- **Customer Confidence** — the more staff certifications, the more customers may trust your ability to get the job done — precisely!

Read more >>>

For more information on the GDTP certification program and applicant information, contact us at gntp@asme.org or visit go.asme.org/gntp

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Two levels of GDTP certification

ASME offers you **two levels** of GDTP certification for either of its Y14.5-2009 or Y14.5M -1994 standards — depending on which standard your company or future employer follows.



The **GDTP – Technologist** level, provides a measure of your ability to understand (“**read**”) drawings that have been prepared using the language of Geometric Dimensioning and Tolerancing, as defined in the Y14.5 standard.



The **GDTP – Senior** level provides the additional objective measure of your ability to select and apply (“**write**”) geometric controls to drawings as defined in the Y14.5 standard.

Since some companies continue to rely on the ASME Y14.5 – 1994 standard, it may be advantageous for you to certify for both Y14.5- 2009 and Y14.5M -1994 standards.

Leading global manufacturers rely on ASME’s GDTP certification

Y14.5 has been rigorously studied and employed by many of North America’s leading manufacturers and their suppliers, and by other leading manufacturers worldwide. GD&T practitioners range broadly across industries and engineering disciplines.

Leading manufacturers employing GDTP certified professionals include:

- General Electric
- Halliburton
- Honeywell
- Intel
- Allied Signal
- BAE Systems
- General Dynamics
- John Deere
- Lockheed Martin
- Bausch & Lomb
- Philips Broadband Networks
- Freightliner
- Raytheon Systems
- Ford Motor
- Boston Scientific
- Bechtel
- IBM Microelectronics
- Westinghouse Electric
- General Motors
- Boeing
- ThyssenKrupp
- Northrup-Grumman
- Mitsubishi
- Delphi
- Eastman Kodak
- Harley-Davidson
- Loral Space Systems
- Ecolab
- ITT Automotive
- Siemens
- Pratt & Whitney
- Whirlpool
- Rolls-Royce
- Stryker Instruments
- Bell Helicopter
- Hewlett-Packard
- Schlumberger
- and more.....

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