



CE Mark Brochure

Consultant:

William S. Howard
Stability Technology, Inc.
92 Hasell Street, STE 206
Charleston, SC 29401
+1-770-331-2283
WSHoward@StabilityTech.com





Thank you for inquiring about our CE Mark Services. We offer complete CE Mark assistance packages for machine and equipment manufacturers, as well as compliance assistance, compliance testing, and certification.

Unlike other companies, we teach you the process so that you can self-certify your own equipment – including EMC compliance – with the goal to dramatically lower the cost of CE compliance! Our services include complete assistance with the first set of European-bound equipment, providing assistance throughout the entire process.

At Stability Technology we distinguish ourselves by:

- We teach you the process
- Our goal is to eliminate 3rd party compliance costs
- We specialize exclusively in machines and equipment - training geared to OEMs and equipment manufacturers.
- Our training is individually tailored, customized to your equipment.
- We provide customized assistance from a CE machine expert – someone who has actually shipped dozens of different machines to Europe.

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CE Mark Packages



CE Mark Packages

The assistance packages are focused on CE Marking for machinery and equipment. These packages cover all of the critical CE topics – focused specifically on the applicable European regulations for your specific machines.

The assistance and training will provide you with everything necessary to self-certify and CE Mark your machinery and equipment.

The goal is to implement the processes within your company to self-certify your equipment (with little, if any, 3rd party assistance). This will dramatically lower the cost of CE marking.

Our customers typically see an 90-95% reduction in their CE compliance costs.

European Directives

While all packages are fully customized to your specific machinery and equipment, typically we cover the following European Directives:

- Machinery Directive
- Low Voltage Directive 2014/35/EU
- EMC Directive 2014/30/EU
- RoHS Directive 2011/65/EU

Customized Topics

All assistance and training packages are fully customized to your specific situation.

Typically, many or all of the following topics are covered:

- Declaration of Conformity
- Declaration of Incorporation
- EMC Assessment Route
- EMC Templates for Compliance
- Technical Construction File Requirements
- Owner's Manual Required Documentation
- ISO Warning Labels per ISO 3864-2
- Risk Assessment per ISO 12100
- Electrical Requirements per EN 60204-1
- Control System Safety per ISO 13849
- Safety Distance Calculations per ISO 13857
- Machine Guarding per ISO 13855
- Minimum Guarding Gaps per ISO 13854
- Interlocked Guards per ISO 14119
- Fixed Guarding per ISO 14120



Overview

ASSISTANCE

All assistance is done either remotely over Zoom or on-site at your facility. There is no limit on the number of personnel – and we encourage as many as possible to attend.



CONSULTANT

William S. Howard has personally led the engineering design teams to CE Mark many types of machinery and equipment sent to Europe, with 30 years of CE Mark experience.



Stability Technology Overview

Join the 100+ Companies that We Have Worked With!



ABOUT US

Stability Technology was founded in 2002 by William S. Howard, and specializes solely in industrial machines, automation, and equipment.

We serve all manufacturers, OEMs and equipment manufacturers across the USA!



OUR TEAM



William S. Howard, PhD

President

All CE Mark training is personally conducted by William Howard, who has personally led the engineering design teams to CE Mark machines and equipment sent to Europe on many occasions for 25 years. He has worked with 100s of companies to design and develop safe machinery and equipment. He has visited hundreds of factories. He is a Principle Member of the American Society of Safety Engineers.



Susan Kenney

VP Marketing / Brand Development

Susan Kenney heads the marketing and sales team at Stability Technology. With 15 years of experience in marketing (including 4 years in manufacturing), Susan can design a project to suit your exact needs.



Carolyn McCombs

Administrative & Logistics Director

Carolyn McCombs heads the administrative and logistics department. Contact her for scheduling, invoicing, and other administrative issues.





CE Mark Process

1. We sign any client Non-Disclosure Agreements (NDAs).
2. We work with you to develop a client-specific program tailored to your specific equipment.
3. William S. Howard will conduct a **fully-customized** Seminar:
 - Held Live either in-person, on-site or done remotely over Zoom.
 - For in person training, it is done over 3 days.
 - For Zoom training, it will take 22-24 hours, typically done once a week for 4-5 weeks. With remote training, any schedule is possible, including 4 straight days.
4. Various proprietary CE guides and templates are provided, customized to your machines and equipment. These include:
 - CE Declaration of Conformity Guide
 - CE Electrical Safety Checklist per IEC 60204-1
 - CE Manual & Instructions Guide
 - CE Nameplate Guide
 - CE Technical Construction File Checklist
 - EMC Compliance Guide
 - EMC Assessment Guide (and blank templates for future EMC Assessments)
 - IEC 60204-1 Electrical Safety Guide
 - Machine Guarding Guide (per ISO 12100, 13854, 13855, 13857, 14119, and 14120)
 - ISO Safety Warning Labels Guide
 - Risk Assessment Guide (and blank templates for future risk assessments)
 - Completed examples of a risk assessment
5. Throughout the entire project, we act as your remote CE Specialist during equipment development. We can provide further remote CE assistance, including identifying proper ISO standards, and answering any questions related to CE documentation.
6. If requested, I will visit your facility to audit your first CE Mark certification, including an inspection of the machinery per the Machinery Directive, Low Voltage Directive, and/or EMC Directive.
7. You can now properly CE Mark your equipment, as well as any future machine.
8. At the conclusion, you will be able to self-certify all of your future machinery, and will (in most cases) no longer need any 3rd party EMC testing (e.g. TUV, Intertek) for EMC compliance.



PACKAGES

Base Package	<p>Base Package</p> <p>Customized assistance and trainings, held on-site or remotely via Zoom. Each day will be taught by William S. Howard. We will work with you ahead of time to ensure that the assistance is 100% customized to your specific needs.</p> <p>Specialized templates, checklists, and guides will be provided for use with your equipment. These cover all aspect of CE compliance, giving you everything you need to know to properly CE mark your equipment.</p> <p>Note that EMC Assessment assistance (plus guides, templates and examples) is included to allow you to self-certify your equipment against the EMC Directive.</p> <p>After that, for the duration of the 1st project, we act as your CE Specialist resource, assisting you remotely by answering any questions related to the Declaration of Conformity, Technical Construction file, and CE Marking. For example, we can provide guidance with your CE documentation to help ensure that you apply the proper EN and ISO standards. For the duration of the 1st project, we will provide unlimited phone and email assistance.</p>
On-Site Machine Evaluation	<p>On-site Electrical Evaluation of Completed Machine</p> <p>Plus, William S. Howard will perform a complete on-site inspection and evaluation of your 1st set of EU-bound machine against the Machinery Directive, Low Voltage Directive, and/or the EMC Directive.</p>



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ManufacturingSafety.com