



Add value.
Inspire trust.

Radio Equipment Directive

Ensure compliance for your radio products with European regulations



Your challenges

Manufacturers, importers and distributors placing radio equipment on the European Union (EU) market are responsible for ensuring that devices meet the Radio Equipment Directive 2014/53/EU (RED).

What is the RED?

The RED ensures a single market for radio equipment by setting essential requirements for safety and health (Article 3.1(a)), electromagnetic compatibility (Article 3.1(b)), and the efficient use of the radio spectrum (Article 3.2). It also has additional requirements when invoked by the European Commission (Article 3.3). The RED is applicable to electrical and electronic devices that intentionally emit and receive radio waves at frequencies below 3000 GHz.

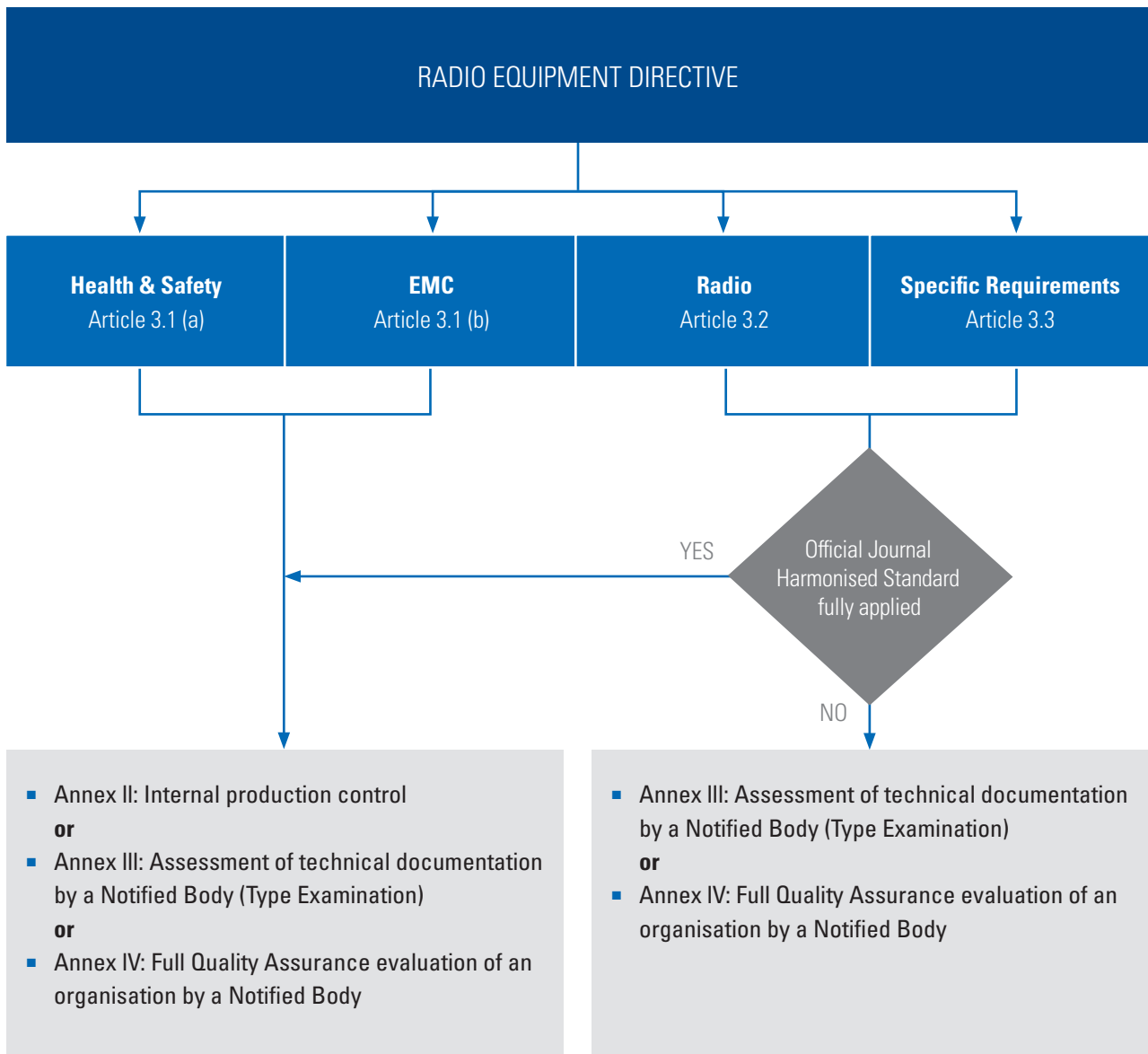
RED Compliance

Compliance with the RED is within a set of essential requirements, outlined in Article 3 of the Directive (Health & Safety, EMC, Radio and Specific Requirements). Harmonised standards also provide a presumption of conformity with the essential requirements and conformity assessment invokes the following procedures:

- Annex II: Internal production control.
- Annex III: Assessment of technical documentation and supporting evidence by a Notified Body (Type Examination).
- Annex IV: Full Quality Assurance evaluation of an organisation by a Notified Body.

The RED requires the use of a Notified Body for Type Examination or Full Quality Assurance Approval, if no appropriate Article 3.2 or Article 3.3 harmonised standards are cited in the RED Official Journal, or if harmonised standards are not applied in full.

Conformity assessment procedures overview



Products covered by the RED

- Electrical or electronic products that intentionally receive or emit radio waves for radio communication and/or radiodetermination.
- Electrical or electronic products that, when operated with an item of peripheral equipment (such as an antenna), receive or emit radio waves for radio communication and/or radiodetermination.
- All radio receivers, including broadcast sound receivers and digital terrestrial broadcast TV receivers.

Products not covered by RED

- Radio equipment exclusively used for activities concerning public security, defence, state security (including a state's economic wellbeing in the case of activities pertaining to state security matters).
- Telecommunication Terminal Equipment (i.e. fixed line terminal equipment).
- Marine equipment that falls within the scope of Council Directive 2014/90/EU.
- Airborne products, parts and appliances falling within the scope of Article 3 of Regulation (EC) No 216/2008, and custom-built evaluation kits designed for professionals to be used solely at R&D facilities.
- Radio equipment used by radio amateurs (unless the equipment is made available on the market).

COMPLIANCE OPTIONS

<p>OPTIONS:</p>	<p>Annex II: Internal production control</p> <p>Declaration of conformity issued under Production Quality Control</p>	<p>Annex III: Assessment of technical documentation by a Notified Body (Type Examination)</p> <ul style="list-style-type: none"> ▪ Independent type examination assessment of compliance documentation. ▪ A successful assessment results in a Type Examination Certificate. 	<p>Annex IV: Full Quality Assurance evaluation of an organisation by a Notified Body</p> <ul style="list-style-type: none"> ▪ Audits of the design, verification and production facilities to verify that the quality system ensures that products are compliant with the RED. ▪ Full Quality Assurance approval enables Declarations of Conformity to be made under Annex IV, without the need for technical documentation submissions to a Notified Body.
<p>ADVANTAGES:</p>		<ul style="list-style-type: none"> ▪ Low cost for a small product range. ▪ Independent compliance assessment of the product. ▪ Type Examination certificate can be used for market entry within and outside of the EU. 	<ul style="list-style-type: none"> ▪ Fast market entry for new products, design changes and bug fixes, even in the absence of RED Article 3.2 and 3.3 harmonised standards. ▪ A copy of the Declaration of Conformity is all that needs to be submitted to a Notified Body before placing a product on the market. ▪ Allows for sub-contracted design, test and manufacture to match the company's needs. ▪ Enables manufacturers to place approved products on the market with the respected Notified Body identification mark. ▪ Product specific confirmation of compliance - assists in gaining access to markets within and outside of the EU.

How can we help you?

TÜV SÜD is an EU Notified Body authorised to evaluate products for compliance with the requirements of the RED. We offer a range of services to assist manufacturers and their agents to gain access to the EU marketplace. We can also conduct testing and assessments of radio equipment in our fully accredited laboratories, or at your own site.

Why choose TÜV SÜD?

TÜV SÜD can support you worldwide with accredited test laboratories, highly trained experts and an in-depth knowledge of regulatory requirements. To reduce your management overhead and ensure service consistency, a dedicated TÜV SÜD contact will manage the entire process on your behalf.



Our RED Notified Body, TÜV SÜD BABT, is the world's leading telecommunications certification body for the telecoms, marine, consumer, electronics, and renewable energy sectors.

Your business benefits

- **Minimise risk and increase customer confidence** - with our unrivalled knowledge of complex regulations, as well as our ability to tailor processes to meet client-specific requirements. Our globally recognised Notified Body also provides third-party evidence to assure customers that your product complies.
- **Benefit from global expertise with local support** - through TÜV SÜD's worldwide network of experts. We can provide RED compliance advice in your own language and time zone, supporting you with our understanding of complex legal requirements and national deviations in standards.
- **Access global markets** - with the wide range of product and quality management system certifications we offer.
- **Reduce time to market** - thanks to our understanding of market pressures, which minimises project turnaround times.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification, auditing and advisory services. Since 1866, the company has remained committed to its purpose of enabling progress by protecting people, the environment and assets from technology-related risks. Through more than 24,000 employees across over 1,000 locations, it adds value to customers and partners by enabling market access and managing risks. By anticipating technological developments and facilitating change, TÜV SÜD inspires trust in a physical and digital world to create a safer and more sustainable future.

Related services

TÜV SÜD provides the following related services:

- Global Market Access
- Radio / EMC / Safety / SAR testing
- Quality Management Systems auditing
- Billing services compliance
- Medical testing and certification