



SafeState

‘make you safe’

SafeState Engineering Consulting



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About Us

- ▶ Safestate is an engineering and consulting company composed of experienced and competent personnel who have worked in many positions such as technical expert, senior expert, technical manager and certifier in international certification bodies for many years.
- ▶ Our inspection and certification activities are carried out with partner company (NoBo, DeBo, AsBo).
- ▶ Our experts have been appointed and authorized by the partner company (NoBo, DeBo, AsBo) for inspection and certification activities.
- ▶ In terms of human resources, our team can reach 20-30 member, who are experts in their fields, specific to the sector.



Our Services and Sectors

- ▶ Inspection
- ▶ Certification
- ▶ CE marking
- ▶ Engineering
- ▶ Consulting
- ▶ Conformity assessment
- ▶ 3. and 2. party audit/inspection
- ▶ Technical assessment
- ▶ Pressure vessel, boiler
- ▶ Railway
- ▶ Renewable and nuclear energy
- ▶ Transportation
- ▶ Material
- ▶ Conventional energy
- ▶ Oil and gas
- ▶ E/E/EP Safety equipment



Our Services and Sectors

▶ Industrial Services;

- ▶ Inspection and certification of 2014/68/EU Pressure Vessel/Boiler (PED), 2014/29/EU Simple Pressure Vessels (SPVD), 2011/35/EU Transportable Pressure Vessels (TPED)
- ▶ EN 3834, EN 1090 audits and certification
- ▶ Inspection and certification acc. to ASME Code, AD 2000
- ▶ Welder, Operator and non-destructive testing personnel certification
- ▶ Welding Procedure Qualification (WPQR, PQR, WPS) and material approval (3.2)
- ▶ Destructive (DT), non-destructive testing (NDT) services
- ▶ Conformity assessment acc. to 2006/42 EC Machinery, 2006/95/EC Low Voltage (LVD), 2014/30/EC Electromagnetic compatibility (EMC)
- ▶ SIL assessment and certification of E/E/PE system/equipment acc. to IEC 61508 and IEC 61511.



Our Services and Sectors

▶ Rail Services

- ▶ 2008/57/EU, TSI (Technical Specifications for Interoperability) certification
- ▶ SIL (Safety Integrity Level) certification for E/E/EP System/equipment acc. To EN 50126, EN 50129 and EN 50128
- ▶ Independent Safety Assessment (ISA)
- ▶ EN 15085 (ECWRV), EN 3834, IRIS (TS 22163) audit and certification.



Our Services and Sectors

- ▶ **Engineering and Consulting;**
 - ▶ Project management, trainings, design and **calculations** and technical support for **pressure vessels**, piping, boiler...
 - ▶ Functional safety training, risk-based supervision and inspection (**RBI, HAZOP...**), E/E/PE system/equipment design for industrial plants and power plants
 - ▶ Training, consulting and technical support for hazard identification and risk analysis methods (**Risk Matrix, Risk Graph, FMEA, FTA...**)
 - ▶ Design consultancy, documentation support, technical support for railway signalization and **E/E/PE** system/equipment
 - ▶ Training, consulting and technical support for rolling stocks manufacturer.
 - ▶ Directives, standards and functional safety **EN 5012X** trainings



Our Experience

- ▶ More than 5 thousand pressure vessel and boiler certification
 - ▶ *EN 13445, EN12952, EN12953, ASME, AD 2000, EN286*
- ▶ More than 7 thousand welders, PQR certification
 - ▶ *EN9606, EN15614, ASME, AWS, AD 2000*
- ▶ More than hundred audit for certification
 - ▶ *EN15085, EN3834, EN1090, EN10216, PED 4.3*
- ▶ More than 20 SIL certification and ISA projects
 - ▶ *IXL, TC, PSD, DCU, SDH, PIS, Signal lamp, relays*
- ▶ Combined cycle and geothermal power plants
- ▶ NDT and DT services
 - ▶ *UT, MT, RT, VT, PT Level III and II*
- ▶ Consultancy, training, design for industrial and railway activities

‘güvendesiniz’



SafeState



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