

# YOUR PASSPORT TO MARKETS

INDUSTRIAL PRODUCT CERTIFICATION



## AUTOMOTIVE TYPE APPROVAL SERVICES

### BUSINESS CHALLENGE

Bureau Veritas provides a wide range of solutions for the Automotive Industry.

Our clients have the responsibility to ensure that their equipment are safely designed, built and maintained in order to guaranty public safety.

Bureau Veritas offers a whole range of services to assess equipment according to clients specific requests and/or statutory requirements which differ depending on the country, region or the applicable international agreement.

In particular, our global homologation services enable automotive companies to comply with regulations of the target market.

### TYPE APPROVAL PRODUCT RANGE

Thanks to its designations under multiple Approval Authorities, Bureau Veritas has a complete scope in the full vehicle and component homologation.

- **Full Vehicle**
  - EC type approval (WVTA)
  - Noise;
  - Emissions;
  - Electromagnetic Compatibility (EMC);
  - Passive and Active Safety;
  - Functional Safety.
- **Components**
  - Hydrogen, CNG and LNG propulsion system;
  - Tires;
  - Lightings;
  - Mirrors;
  - Brakes;
  - ... and many others.



### TECHNICAL ASSISTANCE

Bureau Veritas brings highly skilled personnel with excellent knowledge of local and international regulations and codes. Our mission includes client support in regulatory technical assistance and training.

- **Regulation consultancy**  
Collection of regulation lists and changes in terms and conditions; Regulation analysis, market access policies and evaluations of the similarities and differences among targeted countries.
- **Technical support**  
Collection, checking and reviewing technical data, creation of a technical documentation; Rationalized test plan covering EMC, environmental, mechanical, chemical, tire, crash, wireless, etc.; Follow-up of the technical support including sample vehicle checks, witness testings, and factory audits.
- **Regulation training**  
Regulation training throughout the project lifetime to ensure that compliance is met in every step of the process.



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## GLOBAL FOOTPRINT AND PARTNERSHIP

With extensive footprint in Asia, North America, Europe & South America, Bureau Veritas offers you the convenience of global coverage with wide range of local services.

### • EUROPE

**EU:** E/e Mark

**Turkey:** TSE

**EAEU:** CU-TR/EAC

### • NORTH AMERICA

**USA:** DOT, EPA

**Canada:** CDOT, CEPA

**Mexico:** NOM

### • AUSTRALIA

ADR

### • ASIA

**Gulf Country:** GC

**Saudi Arabic:** SASO/Saber

**UAE:** ESMA/TRA

**India:** CMRV

(ARAI/ICAT/GARC) and BIS

**Malaysia:** SIRIM/

Vehicle type approval

**Indonesia:** SNI/Vehicle

type approval

**Singapore:** Vehicle Access

Certification

**Thailand:** TISI/DLT

**China:** CCC

**China Hong Kong:** Vehicle

Access Certification

**China Taiwan:** VSCC

### • SOUTH AMERICA

**Brazil:** INMETRO/LCVM/CAT

**Chile:** INN/Vehicle Certification

**Argentina:**

IRAM-ATA/CHAS/Vehicle

Certification

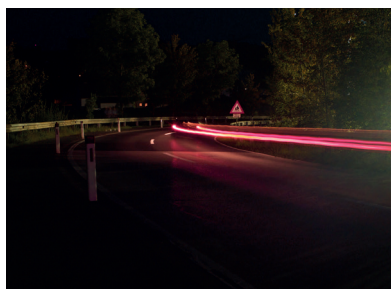
### • AFRICA

**South Africa:** NRCS/SABS

## BUREAU VERITAS AS TECHNICAL SERVICE

Bureau Veritas has been recognized for technical and quality know-how as technical service by multiple national authorities under the terms of the Automotive Directive 2007/46/EC and EU Regulation 2018/858:

- **CNRV E2 (FRANCE):** Lighting, EMC;
- **RDW e4/E4 (THE NETHERLANDS):** H2/CNG/LNG components, Lighting, Noise, Passive/Active Safety, Tires, Vehicle.
- **NSAI e24/E24 (IRELAND):** EMC;
- **RTD e49/E49 (CYPRUS):** Lighting, EMC, Noise, Passive/Active Safety, Tires, Vehicle.



## TECHNICAL LEADERSHIP

The access to local markets is often conditional upon specific accreditations and authorizations held by testing facilities.

Our close synergy with a wide range of laboratories across the world results in extensive scope of services and unique performance efficiency.

In addition, with the acquisition of the Chinese top homologation brand, BV-VEO, Bureau Veritas has fostered a strong presence in the automotive market, serving 120+ OEMs through its 10+ years' experience.

For more information, please, contact us:

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Shaping a World of Trust