

HELPING BUILD A BETTER TOMORROW

Services for construction
and real estate



**BUREAU
VERITAS**

SHAPING A WORLD OF TRUST IN Buildings & Infrastructure

Bureau Veritas' services in Buildings & Infrastructure contribute to the development of sustainable and smart cities. Our work enables people around the world to safely use buildings, infrastructure and transport.

Through our technical expertise and our in-depth knowledge of local regulations, we help our clients ensure that their assets are sound, efficient, safe and built to last.



Your global partner for Buildings

Booming city populations are creating long-term demand for high-quality, low-carbon buildings in a healthy urban environment.

Bureau Veritas plays a key role in meeting the needs of fast-growing populations with solutions that support **safe and sustainable** urban development.

We are the only testing, inspection and certification (TIC) company to provide **building-related services on every continent.** Bureau Veritas is thus uniquely positioned to support building clients worldwide.

We ensure the safety, quality and performance of real estate assets through the lifecycle. Our focus on risk and efficiency provides reassurance that your construction projects will run on time and on budget. Bureau Veritas guarantees that your assets **comply with local regulations** and follow an optimized **maintenance program.**

Today, Bureau Veritas is helping the building industry meet two major challenges. First, our Green Building and energy efficiency services help deliver **low-carbon buildings.** And second, we are revolutionizing TIC for construction and real estate with a wide range of **digitized and data-driven** services.

This is how we are meeting society's ambition for sustainable, affordable cities.

Compliance, safety, supervision and sustainability through the lifecycle

Health & safety risks addressed

Best practice in sustainability management

Delivered on time and on budget

Real-time compliance and quality

Asset management improved with digital tools

Operations optimized



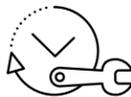
STUDIES, PERMITTING & DESIGN

- Design Review
- Technical Due Diligence and Audit
- Technical Assistance
- Capital Expenditure Planning
- Feasibility Study
- Code Compliance & Permitting (CCP)
- Preliminary Geotechnical Studies and Survey
- Construction Material Analysis and Feasibility
- Environmental Assessment and Design Audit
- Risk Analysis
- Supplier Feasibility Assessment
- Green Building Consulting
- BIM Management



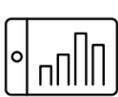
CONSTRUCTION

- Project Management
- Project Management Assistance
- QA/QC
- Health, Safety & Environment (HSE)
- Material Testing & Consultancy
- Site, Shop Inspection
- Supply Chain Audit
- Green Building Certification
- As-Built Drawings Review
- Commissioning



FACILITIES MANAGEMENT

- Fire Safety
- Electrical Safety
- HVAC Compliance
- Elevator Compliance
- Occupancy Health & Safety Auditing and Monitoring (Air, Water, Hazardous materials, Noise..)
- Facility Management Auditing
- Facility Management Monitoring
- Multi-site Project Implementation
- Program Rollout
- Property Condition Assessment
- Capital Planning



ASSET MANAGEMENT & TRANSACTIONS

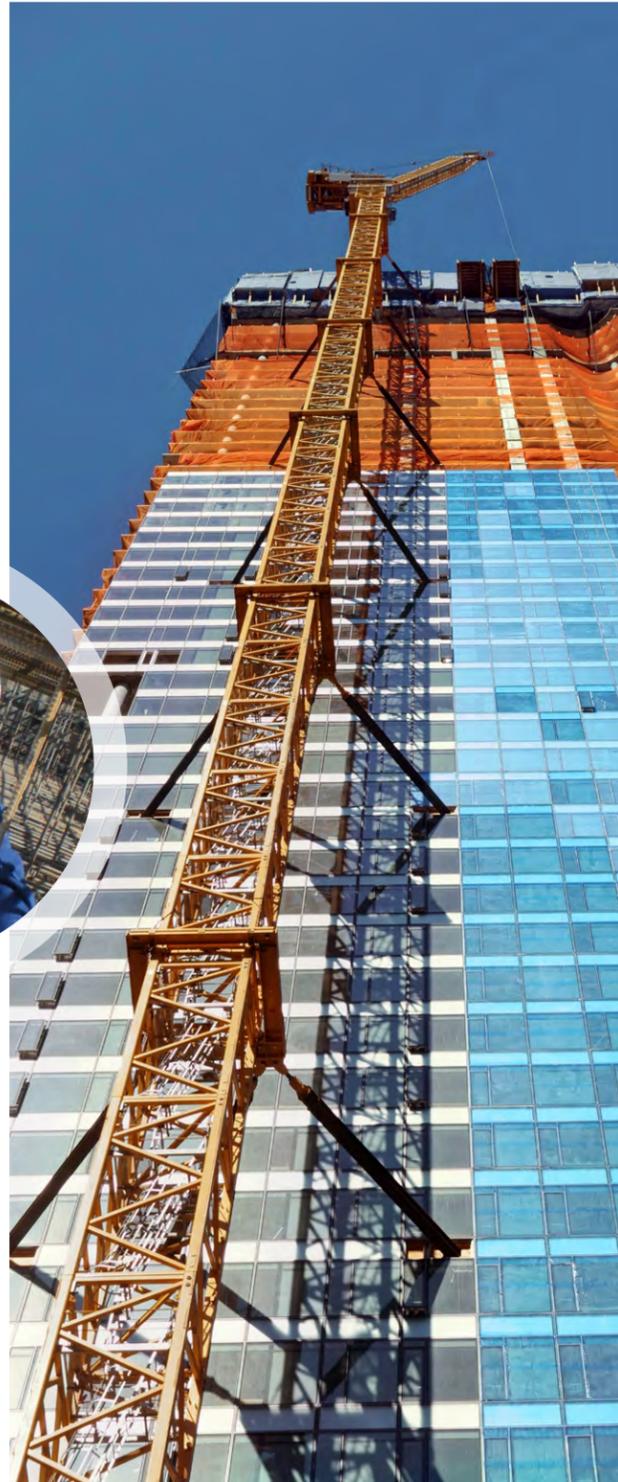
- BIM Certification
- Asset Management Plan
- Asset Performance Assessment
- Life Cycle Asset Analysis
- Compliance Audit
- Technical and Environmental Due Diligence
- Energy & Carbon Due Diligence
- Energy Performance Certificate
- Seismic Technical Assistance and Audit
- Structural Health Monitoring (SHM)

Consistently safe & reliable

Your construction project: on time and on budget

As a developer or contractor, delivering your construction projects within schedule and budget is a priority. You must also ensure safety on site. Bureau Veritas offers a complete range of construction services to help you **manage technical challenges, reduce risk** and **ensure compliance**.

Our teams of **highly skilled specialists** work with you to optimize project decisions, monitor budgets and keep your project on track. Our technical services and digital solutions guarantee the success of large projects.



Digitizing HSE and project management

Bureau Veritas offers an integrated approach to support construction project efficiency and visibility.

- **ProTrack** is a best-in-class digital platform that enables simultaneous **monitoring of multiple projects** from start to finish. It allows you to track each site's progress, coordinate other vendors and provide real-time updates to all stakeholders.
- We use **drones** for remote inspection and data collection, carrying out surveying and topography, inspecting progress on works, and controlling construction site safety.
- **PRIManager** is a digital project management tool for **large construction projects**. It offers a **360° view**, with information in real time on cost, scheduling, quality and HSE.

Revolutionizing construction with BIM



Bureau Veritas is a **key player** in Building Information Modeling. We are involved at every stage of the project lifecycle to coordinate stakeholders, verify quality and ensure compliance.

Our services include:

- **Certification of BIM models** to ensure consistency between the digital model and the constructed asset.
- **BIM Management** and **Project Management Assistance**.
- **Technical control** and construction **safety coordination** in a BIM environment.

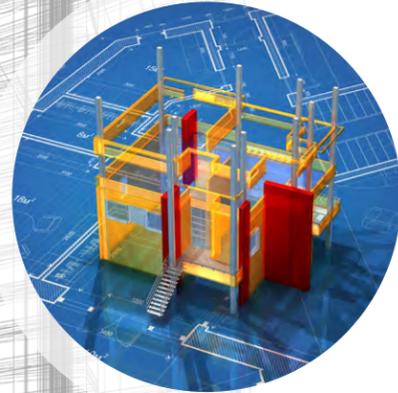
Designers and architects also benefit from our **icheck for Building** plug-in. Users can verify **regulatory compliance in real time**:

a revolution in conformity assessment!



A BUREAU VERITAS SOLUTION

Your partner in asset management



■ A worldwide expert for in-service verification

Bureau Veritas combines a global network with dedicated local building and facilities experts on the ground in 140 countries. We are able to offer one of the largest portfolios of services to **manage facilities** worldwide.

Our in-service inspection services target **safety and compliance**. They cover fire and safety equipment, electrical installations, elevators, lifting equipment and HVAC systems among others. We track changes to local regulations and international standards to ensure you are **continually up-to-date** and **compliant**.

■ Digitization of asset management

Asset management increasingly relies on digital solutions that enable users to track data. These solutions facilitate management of inspections and maintenance:

- **Building in One** is a collaborative platform that enables clients to manage risk and monitor operations. It brings all building data together in one place.
- **ProTrack** enables monitoring of multi-site auditing and conformity assessments.
- **AssetCalc™** provides continuous, detailed monitoring of each asset's technical condition. It allows budgeting and planning for maintenance and repair work.



■ Creating a safer indoor environment

Bureau Veritas helps guarantee **indoor safety** for building occupants. We assess air and water quality to prevent chemical and biological risks and provide specialized services for hazardous materials such as asbestos.

Our **WELL building certification** enables owners to demonstrate excellence. We are providing a full range of services to support wellbeing. Our indoor air quality plans, thermal modeling and acoustic optimization make buildings **pleasant places to live and work**.

■ Building a low-carbon future

Bureau Veritas is a global player in Green Building consultancy and certification services. Our experts provide technical support and audits for environmental standards **including LEED®, BREEAM and EDGE**, among others.

Our energy management solutions enable owners and facility managers to **lower operation costs, reduce CO₂ emissions** and **meet regulatory requirements**.

Our **carbon footprint certification** proves compliance with standards and demonstrates commitment to environmental protection.

Leader in Social Infrastructure



Urban growth is driving the need for safe and reliable social infrastructure. Hospitals, Educational facilities, stadiums and mega-structures must be delivered within budget and built to last.

We are recognized as a **reliable partner to public and private companies**. Our work ensures your social infrastructure projects meet required levels of **quality, safety and affordability**.



We provide in-service inspections and other services to optimize the cost of maintenance and extend the life of public buildings.

Our engineers have recognized expertise in healthcare buildings. They have provided services to some of the largest and state-of-the-art hospitals around the world.

Bureau Veritas is the leader in testing, inspection and certification providing comprehensive services to support the construction of social infrastructure on every continent.

Widest scale, deepest expertise, global reputation

Bureau Veritas is the leader TIC company to provide building-related services worldwide. Our geographic expansion has been supported by a strong record of acquisitions.



140
countries



75,000+
expert employees



WORLDWIDE
16,000+ engineers and inspectors in Buildings & Infrastructure



400,000+
clients



#1
Buildings & Infrastructure is Bureau Veritas' largest business



10,000+
Buildings assessed in operation



5,000+
Buildings assessed in construction

Partner to international groups

Bureau Veritas works with the world's largest **real estate, hotel, retail and banking** companies. We provide an integrated approach to manage risk across your assets and safeguard your reputation.

We can support you in monitoring maintenance, managing transactions, performing in-service inspections and evaluating asset regulatory compliance.



Shaping a World of Trust

Bureau Veritas is a Business to Business to Society company, contributing to transforming the world we live in. A world leader in testing, inspection, certification, we help clients across all industries address challenges in quality, health & safety, environmental protection and social responsibility.

**For more information,
contact Bureau Veritas:**

Wisma 76 Building, 21st Floor
Jl. Let. Jend. S. Parman Kav.76,Slipi,
Palmerah - Jakarta Barat
Indonesia 11410
Phone : +62 21 53 666 861
Fax : +62 21 53 666 870
Email : office.jakarta@bureauveritas.com

www.bureauveritas.id



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