



Bridging the energy transition

# GAS POWER



BUREAU  
VERITAS

# Safety, quality and performance throughout the life cycle

Lifetime extended

Dedicated solutions for HRSGs, gas and steam turbines, condensers and balance of plant

Delivered on time and on budget

HSSE prioritized

Availability ensured

Risks assessed and managed

Maintenance costs optimized



## DESIGN & PERMITTING

### Minimize development risk

- Design review
- Environmental impact assessment
- Geotechnical studies
- Permitting support
- Risk assessment
- Pressure equipment certification
- Due diligence
- Investor/lender services



## PROCUREMENT & CONSTRUCTION

### Deliver projects safely and to schedule

- Project & construction management support
- Supply chain assessment & procurement support
- Shop inspections (QA/QC) & expediting
- Transport supervision
- On site QA/QC & HSE
- Welding services
- Commissioning & test run supervision
- Take-over & end-of-warranty inspections



## ASSET OPERATION

### Maximize availability & shorten outage time

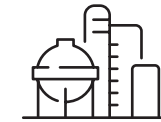
- Periodic mandatory inspections
- Occupational health & safety
- Process safety
- Environmental monitoring
- Outage planning & support
- Outage QA/QC
- Maintenance management
- Failure & damage analysis
- Training



## CONDITION ASSESSMENT & MONITORING

### Understand the state of your asset

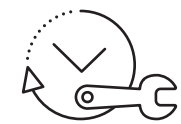
- Non-destructive testing
- Corrosion monitoring
- Vibration monitoring
- Shaft alignment / balancing
- Thermographic testing
- Endoscope inspections
- Piping elevation surveys
- Oil analysis
- Materials testing



## ASSET MANAGEMENT

### Increase reliability & performance

- Asset integrity management
- Reliability engineering
- Risk-based inspections
- Risk assessment
- Inspection & maintenance strategies
- Performance optimization



## LATE-LIFE SERVICES

### Optimize management of aging assets

- Remaining life assessment
- Lifetime extension
- Plant & core component relocation support
- Decommissioning support
- Waste classification



# Next-gen asset management

We leverage **predictive analytics, AI and digital twins** for simpler, smarter asset management.

## 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 and technical services, we help clients across all industries address challenges in quality, health & safety, environmental protection and social responsibility.

## Power for today and tomorrow

Your partner in the energy transition, Bureau Veritas helps society to both meet today's energy needs and transition to a low-carbon future. Our worldwide network of experts in renewable and conventional power generation, transmission and distribution build trust by delivering actionable, fact-based understanding.



**BUREAU  
VERITAS**

PT Bureau Veritas Indonesia  
Wisma 76 Building, 21st Floor  
Jl. Let. Jend. S. Parman Kav.76, Slipi,  
Palmerah - Jakarta Barat 11410  
Phone : +62 21 53 666 861  
Fax : +62 21 53 666 870

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