



Hartford Steam Boiler



Risk Solutions

HSB Risk Management At-a-Glance

Hartford Steam Boiler
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HSB is a leading specialty insurer providing equipment breakdown and other specialty insurance, inspection services and engineering-based risk management that sets the standard for excellence worldwide. We offer a wide range of engineering services in support of our partners and clients.

Inspection Services

- World's largest Authorized Inspection Agency accredited by the National Board of Boiler and Pressure Vessel Inspectors and the American Society of Mechanical Engineers
- Staff of over 900 commissioned field-based inspectors and engineer surveyors worldwide
 - Over 420,000 jurisdictional inspections annually in US, Puerto Rico, Canada of in-service equipment - industry best on-time inspection completion average
 - Over 1.5 million statutory inspections annually in UK and Ireland of boilers and pressure vessels, lifts, handling equipment, LEV, mechanical and electrical equipment, power presses, electrical wiring
 - International inspections, certification, and pressure equipment code consultation for makers of boilers, pressure vessels and new / in-service nuclear components
- Location database and systems to proactively identify locations with jurisdictional inspection obligations
- Jurisdictional inspection reports include recommendations to address code discrepancies or loss prevention and provide energy savings suggestions (where observed), access to HSB energy efficiency calculators
- HSB OnSight® program provides property risk observations for partner P&C insurers made by cross-trained HSB inspectors when on site for jurisdictional inspections

Occupancy and Equipment Specialists

- Specialized inspectors and engineers available to evaluate complex equipment risks and high risk occupancies including boilers, turbines, primary metals, power generation, chemical oil/gas, pulp/paper, semiconductor, renewable energy and more

Service Plans

- Customized Stewardship Plans to ensure compliance with regulatory requirements and client specifications and to leverage full range of HSB engineering capabilities / services
- Internal Technical Service Plans align HSB engineering with P&C partner insurers' portfolios to address key risks and provide value-add such as equipment replacement cost estimators and virtual loss control engineering tools

Training

- Equipment and topical webinars - Boilers, HVAC, electrical systems, manufacturing processes, emerging technologies, property, renewable energy and more

Electrical Risk Management

- Risk management solution tailored to individual accounts and P&C partner portfolio needs using complementary resources such as Infrared Thermography and tailored OnSight® surveys
- Nationwide network of third party electrical contractors providing services for HSB insureds at preferred pricing

HSB Infrared Thermography Surveys

- International service utilizing qualified Level II and III HSB thermographers with state-of-the-art infrared cameras to pinpoint equipment thermal anomalies
- Professional peer-reviewed reports include results, consultative advice to customers, estimated costs to repair

HSB Transformer Oil Gas Analyst (TOGA®) and Lubricating Oil Analysis

- International services provide routine analyses of transformer insulating oil and lubricating/hydraulic oil from mechanical equipment to predict likelihood of unit failure
- Professional interpretive reports, consultation and interactive website (<http://www.hsbtoga.com/>) providing secure access to test results

Property Risk Solutions

- Fire protection engineering consulting specializing in unbundled property loss control and related services (HPR / All-risk capability) provided by HSB Professional Loss Control
- Analysis/review and code compliance of fire suppression/protection systems plans and fire protection equipment inspection/testing programs
- Services for reducing risk of fires/explosions; property and business interruption loss estimate evaluations, builder's risk surveys, new project consultation, building valuation, Nat-Cat analysis

Performance Improvement Services

- Benchmarking and performance improvement services for global energy industry by HSB Solomon Associates
- Petroleum refining, petrochemical, pipeline, terminal, power generation markets

HSB IoT Sensor Services

- Internet of Things (IoT) sensor monitoring services designed to provide real time risk management alerts
- Advanced IoT technology monitors key operating conditions 24/7, detects changes that pose risk and alerts policyholders to take action
- Tailored service program helps prevent or mitigate disruptive damage / downtime and reveal potential energy savings and preventative maintenance opportunities