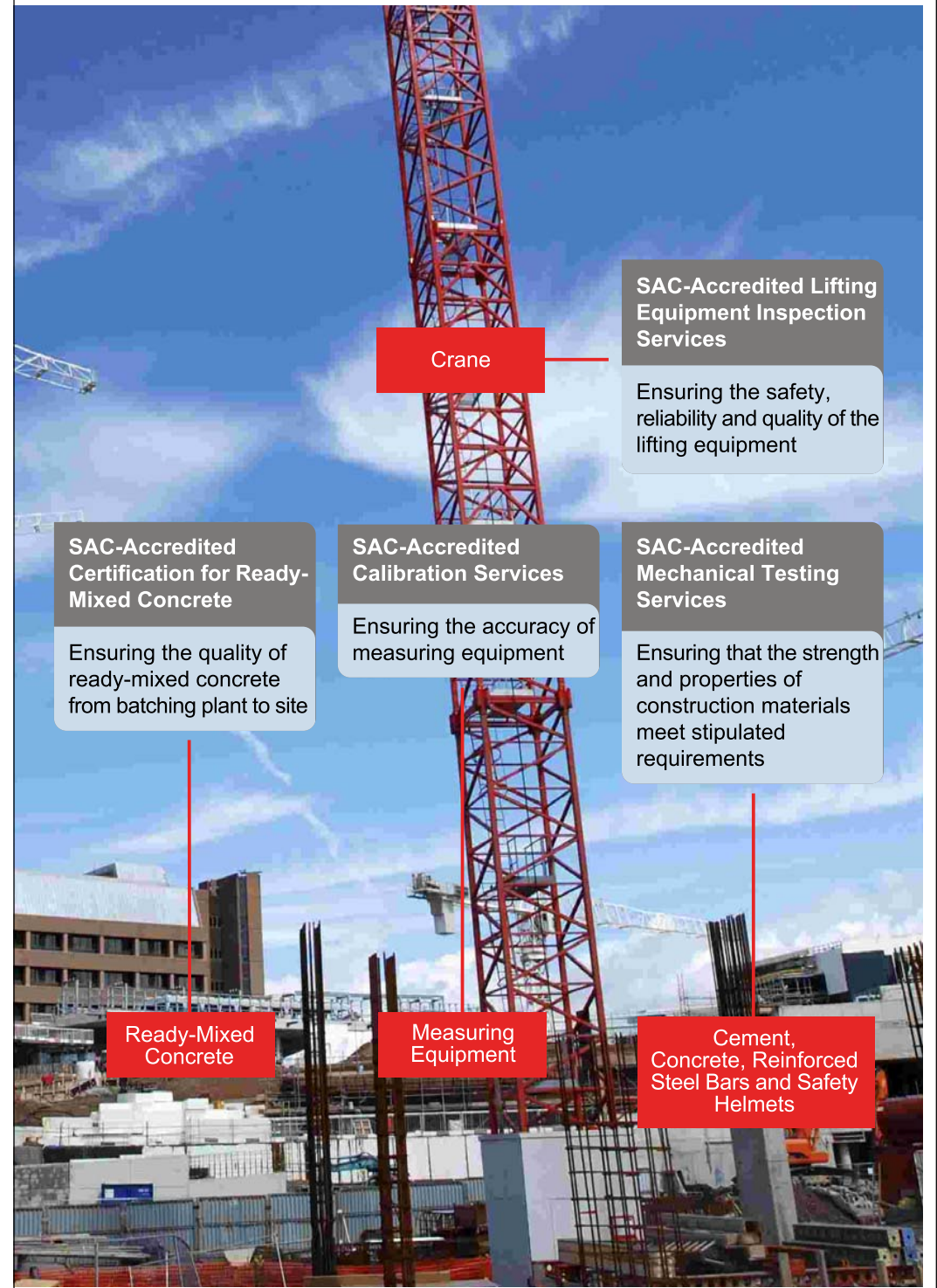
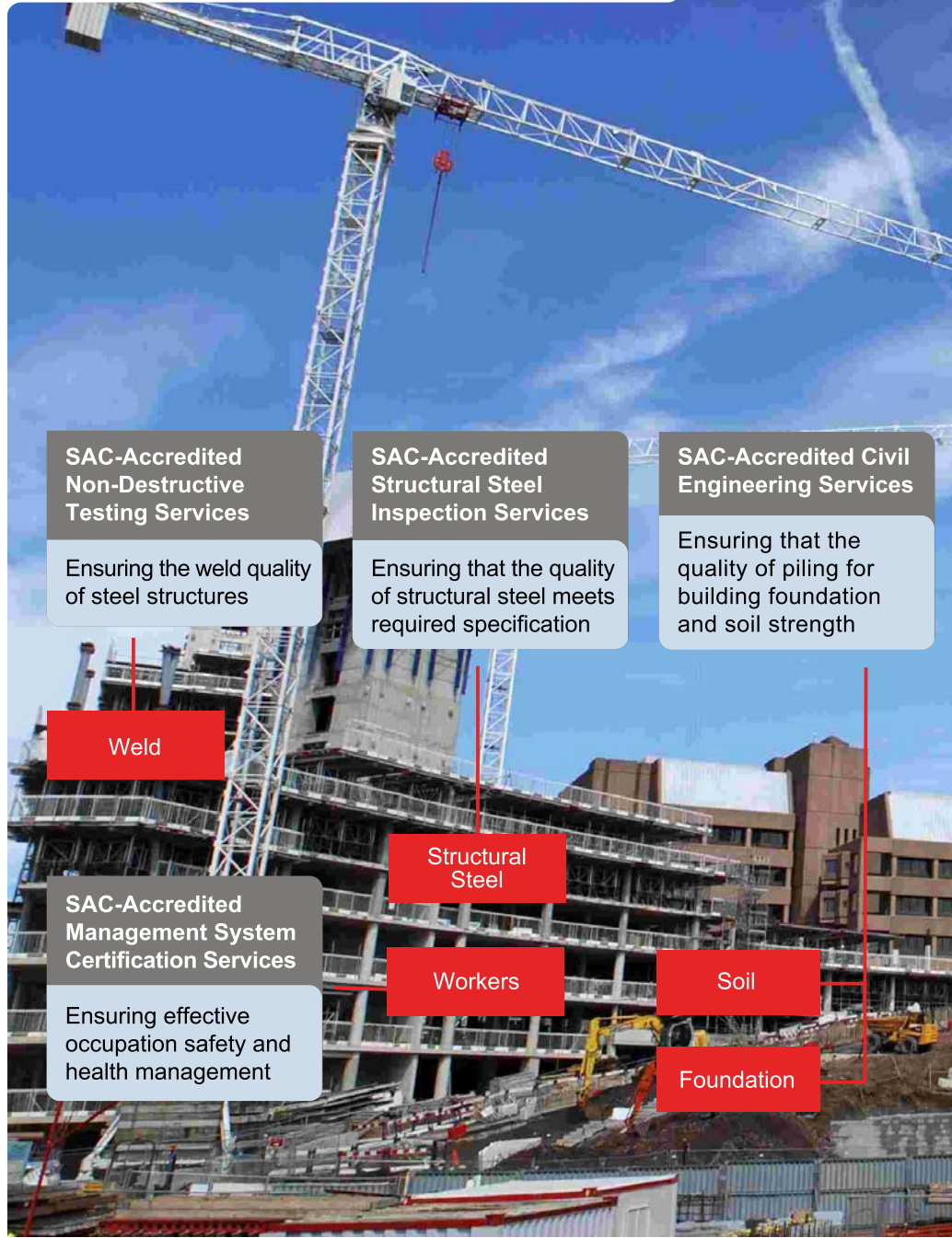


SAC Adds Value to the Building and Construction Industry



Singapore Accreditation Council

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SAC's Accreditation Programme is managed by SPRING Singapore



**SAC Accreditation Programmes for the
Building and Construction Industry**



Shaping Tomorrow's Building and Construction Industry

The building and construction industry plays a critical role in Singapore's economic and social development. By delivering an excellent built environment, it not only ensures the safety of buildings but also enhances the quality of life for the community. This, in turn, contributes to Singapore's competitiveness as a place to live, work and play.

As such, the industry must continually address various challenges. These include ensuring compliance with national and international standards and safety regulations, raising quality and productivity, as well as improving the professionalism and capabilities of the industry.

The Singapore Accreditation Council (SAC) offers a wide range of accreditation schemes to cater to the certification, inspection and testing needs at different stages of the industry value chain.



About SAC-Accredited Conformity Assessment Bodies

SAC accreditation demonstrates the competence, impartiality and capability of a conformance assessment body (CAB) in its certification, inspection and testing activities. This helps to assure its credibility both locally and internationally. SAC-accredited CABs undergo regular surveillance and assessments to confirm its continuing compliance to national and international standards by professional assessors and technical experts. This enhances the clients' confidence in the quality and reliability of the CABs' services.

SAC accredits some 300 organisations which provide certification, inspection and testing services.

For more information, please visit: www.sac-accreditation.gov.sg

Maintaining a High Quality and Safe Built Environment

Singapore's reputation for high quality and safety standards in building and construction has helped local firms in securing overseas projects. This is supported by a recognised and credible accreditation conformance infrastructure.

The infrastructure also plays an important role in making Singapore a safe environment to live, work and play. It also supports the Ministry of Manpower's objective to halve the number of work related fatalities to 2.5 per 100,000 workers by 2015.



SAC-Accredited Management System Certification Services

OSHMS certification - Certification for companies to manage workplace safety and health requirements

QMS certification - Certification for companies to manage their quality system

SAC-Accredited Calibration and Testing Services

Civil engineering testing – Soil investigation to ensure soil strength and piling test to ensure the quality of the foundation

Mechanical testing – Strength and properties test for construction materials such as cement, concrete, reinforced steel bars and safety helmets

Non-destructive testing – Ensures weld quality of steel structures

Calibration – Underpins the measurement traceability to the International Units in the construction industry and assures equipment used on construction sites are properly calibrated

Accessing Global Markets with SAC Accreditation

SAC-Accredited Inspection Services

Structural steel inspection – Ensures the quality of semi-finished or finished steel beam produces at factory and welding/bolting of the sub-assembly on-site meets the drawing specifications

Lifting equipment inspection – Ensures safety, reliability and quality of tower and mobile cranes for lifting purposes

SAC-Accredited Product Certification Services

Ready-mixed concrete product certification – Ensures the quality of ready-mixed concrete from batching plant to site

The SAC has signed multilateral recognition arrangements (MRAs) with over 50 economies through international bodies such as the International Accreditation Forum (IAF) and the International Laboratory Accreditation Co-operation (ILAC).

A certificate or report issued by a SAC-accredited body enables companies to access markets through these MRA networks. SAC-accredited certificates and reports are recognised as equivalent to those issued by these MRA partners. This reduces the need for re-testing, re-inspection and re-certification, thus lowering re-certification costs and enabling faster access to market.



Accreditation Schemes Offered by SAC

CERTIFICATION

Quality Management System

- ISO 9001
- SS 524

Environmental Management System

- ISO 14001

Occupation Safety and Health Management System

- SS 506 Part 1
- SS 506 Part 3

Food Safety Management System

- SAC HACCP Document 2
- ISO 22000

Business Continuity Management

- SS 540

Good Distribution Practice for Medical Devices

- HSA TS-01

Product Certification

- British Retailer Consortium
- Building Products
- Electrical and Electronics
- Ready-Mixed Concrete
- Telecommunication

INSPECTION

Building Construction and Maintenance

- Structural Steelwork

Industrial Equipment and Machinery

- Pressure Vessels
- Lifting Equipment

Cargo Inspection

- Natural Resource and Refined Products

TESTING

Calibration and Measurement

Civil Engineering Testing

Environmental Testing

Electrical Testing

Mechanical Testing

Chemical and Biological Testing

Non-Destructive Testing

Medical Testing

Medical Imaging

Gaming Testing

Singapore Accreditation Council assesses the competence of certification, testing and inspection bodies in accordance to the internationally recognised standards. These are ISO/IEC 17021 for certification bodies, ISO/IEC 17020 for inspection bodies, ISO/IEC 17025 for laboratories and ISO 15189 for medical facilities.