



STANGERS

MANDATORY BUILDING INSPECTION SCHEME SERVICES

Under the MBIS building owners are required to appoint a Registered Inspector (RI) to carry out inspection and a Registered Contractor (RC) to carry out any necessary rectification and repair works for their buildings under the supervision of an RI upon receipt of a notice served by the Building Authority.

Mandatory Inspection under the MBIS is required for all common parts, external walls, projections and signboards.

We can provide RI services as well as the full range of additional testing and investigation which may be required including:

- (1) Carrying out an inspection (which is based on visual inspection and non-destructive tests);
- (2) Preparing and submitting an inspection report to owners, specifying rectification works and where justified, specifying the need to conduct a detailed investigation;
- (3) Carrying out a detailed investigation, if specified;
- (4) Supervising the rectification works carried out by RGBCs (and RMWCs in future);
- (5) Certifying the completion of the rectification work and submitting a report to the owners.





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Non-destructive tests to support the investigation include:

- Infrared thermography survey
- Reinforcement cover survey
- Crack mapping survey
- Structurscan radar
- Microwave moisture testing
- Rebound hammer

Detailed investigation and repair works would be necessary if recommended by the building professionals after initial examination and upon the review of the authority. If repair is needed, owners need to appoint contractors to carry out the required building and/or window repair works, and appoint inspectors to supervise the works.



Other services that we can provide for more detailed investigation include:

- Core drilling and concrete strength testing
- Reinforcement condition survey
- Detailed water seepage investigation
- Concrete carbonation depth
- Tensile testing of reinforcement
- Pull off testing
- Corrosion survey by half-cell method
- Hammer tapping survey
- Chemical test for chloride content

If repairs are needed, upon completion of repair works, we will carry out examination and testing, and submit reports as required.



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