

**Addendum to Technical Guidelines on  
Minor Works Control System  
Section 3 Categorisation of Minor Works  
Quality control and supervision of Tempered Glass  
Repair of Structural Elements**

**Supporting Structure for Antenna, Transceiver or Radio Base Station on Roof**

- (A) Section 3.2 Canopy  
Section 3.13 Protective Barrier  
Section 3.23 Window or Window Wall**

1. Tempered glass may be used for canopies, protective barriers, windows/window walls, etc. under minor works items 1.6, 1.27, 2.5, 2.8, 3.3, 3.6 and 3.25. As tempered glass is susceptible to spontaneous breakage, quality control and supervision of the heat soak process are required when tempered glass is used.

2. For Class I minor works, the authorized person (AP) should undertake the quality control and supervision of the tempered glass. For Class II & III minor works, since the works pose lower risk, quality control and supervision may be undertaken by a registered minor works contractor (RMWC). The control and supervision requirements are summarised as follows:

| <b>Quality Control and supervision for Tempered Glass</b>  | <b>Requirements under Minor Works Control System</b> |                             |                              |                                 |
|--|--|-----------------------------|------------------------------|---------------------------------|
|  | <b>Class I Minor Works</b>                           | <b>Class II Minor Works</b> | <b>Class III Minor Works</b> | <b>MW forms to be submitted</b> |
| <b>Declaration statement on:</b><br><b>(i) Quality Assurance Certification</b><br><b>(ii) Quality Assurance Scheme</b> | signed by AP or RSE                                  | signed by RMWC              | signed by RMWC               | MW02, MW04, MW05                |
| <b>Compliance report on heat soak process</b>  | signed by AP or RSE                                  | signed by RMWC              | signed by RMWC               | MW02, MW04, MW05                |

| Quality Control and supervision for Tempered Glass | Requirements under Minor Works Control System                          |                              |                              |                          |
|--|--|------------------------------|------------------------------|--------------------------|
|  | Class I Minor Works  | Class II Minor Works         | Class III Minor Works        | MW forms to be submitted |
| Quality supervision plan                           | prepared by AP or RSE  | prepared by RMWC             | prepared by RMWC             | MW01, MW03               |
| Quality supervision report                         | prepared by AP or RSE  | prepared by RMWC             | prepared by RMWC             | MW02, MW04, MW05         |
| Quality control supervisor                         | AP / RSE or T3 under AP / RSE's stream<br>RMWC or T1 under RC's stream | RMWC or T1 under RC's stream | RMWC or T1 under RC's stream |                          |
| Frequency of supervision of glass panes            | 100%   | 100%                         | 100%                         |                          |

**(B) Section 3.17 Repair of Structural Elements**

3. Where defects in reinforced concrete structure are extensive or severe, recasting of structural elements may be required. The recasting works may be carried out under minor works item 1.17. Prescribed building professionals are required to carefully consider both the design and construction of the repair works. For design, due considerations should be given to the temporary conditions and supports, compatibility of new and existing structures, overall structural integrity etc. For construction, proper formwork and temporary propping, adequate quality control of concrete and reinforcement etc. are required.

5. For strengthening/replacement of individual timber purlins and rafters of a timber roof structure that do not involve demolition and reconstruction of the timber

roof or any change in geometry, material and load paths, such strengthening/replacement may be considered as repair works. The repair works may be carried out under minor work items 1.17 in accordance with the original design. Prescribed building professionals are required to carefully consider both the design and construction of the repair works. For design, due considerations should be given to the temporary conditions and supports, compatibility of new and existing structures, overall structural integrity etc. For construction, proper temporary support is required.

**(C) Section 3.20 Supporting Structure for Antenna, Transceiver or Radio Base Station on Roof**

7. For minor works item 3.9, if an antenna or transceiver unit is mounted on a reinforced concrete parapet wall on the roof, the thickness of the parapet wall should not be less than 125mm.

8. For minor works item 1.13 and 1.14, structural justifications on the adequacy of the supporting structure are required.