

BS 5975:2008

Table 1 – Categories of Design Check

| Category | Scope  | Comment  | Independence of Checker  |
|----------|--|--|--|
| 0        | Restricted to standard solutions only, to ensure the site conditions do not conflict with the scope or limitations of the chosen standard solution.                        | This applies to the use of standard solutions and <b>not</b> the original design, which will require both structural calculation and checking to category 1,2 or 3, as appropriate.                    | Because this is a site issue, the check may be carried out by another member of the site or design team.       |
| 1        | For simple designs. These may include: formwork; falsework (where top restraint is not assumed); needling and propping to brickwork openings in single storey construction | Such designs would be undertaken using simple methods of analysis and be in accordance with the relevant standards, supplier's technical literature or other reference publications.                   | The check may be carried out by another member of the design team.   |
| 2        | On more complex or involved designs. Designs for excavations, for foundations, for structural steelwork connections, for reinforced concrete.                              | Category 2 checks would include designs where a considerable degree of interpretation of loading of soils' information is required before the design of the foundation or excavation support or slope. | The check should be carried out by an individual not involved in the design and not consulted by the designer. |
| 3        | For complex or innovative designs, which result in complex sequences of moving and/or construction of either the temporary works or permanent works.                       | These designs include unusual designs or where significant departures from standards, novel methods of analysis or considerable exercise of engineering judgement are involved.                        | The check should be carried out by another organization.   |