TECHNICAL INSTRUCTION COMPLEX STRUCTURES



The construction of singular structures must be notified in advance and must comply with the requirements established in the current regulations for their design and construction, specifically, the contents of the Technical Building Code in all its sections, as well as in the basic documents on structural safety (DB SE), fire safety (DB SI) and safety of use and accessibility (DB SUA).

Are considered complex structures those that require the intervention of a competent technician in their design, calculation or in the certification of their final strength or that require an evaluation of significant risks.

| TIPO | COMPLEX STRUCTURE DEFINITION | |
|------|--|--|
| 1 | Singular constructions or stands over 4m high | |
| 2 | Two floor booths | |
| 3 | Bleachers with access for people | |
| 4 | Stages or platforms over 0.5m high | |
| 5 | Structures in outdoor areas larger than 16m2 (Tents) | |

The construction of complex structures is permitted if the following protocols are complied with depending on the type of element and phase.

| PROTOCOL OF ACTION | | | |
|--|----------------------|----------------------|--|
| PREVIOUS FASE | DURING THE SET-UP | FINAL FASE | |
| Descriptive report of the project | Assembly supervision | Assembly certificate | |
| Structural calculations | | | |
| Dimensioned plans in plan and elevation. | | | |
| Specific risk assessment. | | | |
| Accessibility justification (2,3,4) | | | |
| Evacuation and fire detection plan (2,5) | | | |

