




SEISMIC

by  **DRILLFAST**
make it happen...



**TOTAL TECHNICAL MANAGEMENT
FOR SEISMIC SYSTEMS**

CONTRACTORS

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CONTRACTORS



Total Technical Management System for compliance is designed to manage your requirements in relation to the Seismic engineering requirements of non-structural elements. This program is set up to allow for customisation for each project and suited to both the contractors and subcontractors unique needs on site to save time and close the gaps. The management system helps to control risk and downtime ensuring accountability, ease and a more reliable outcome.

PHASE 1

1. Design & Form 15

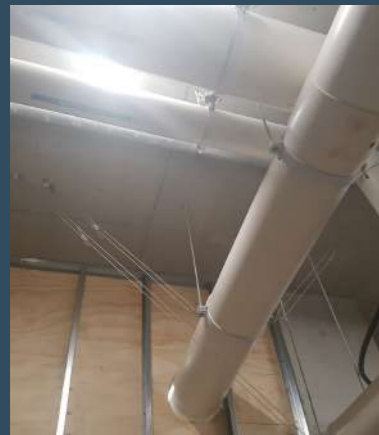
- Understanding of requirements specifically for the project.
- Interpretation of Australian Standards to ensure best design.
- Submission of design for review and approval.
- Set up of streamlined format for ease of use by both the subcontractors and Building Certifier.
- Issue of Form 15 upon approval.
- Consideration of Chain of Responsibility to ensure risk mitigation.



2. Product and Training

- Consideration of Non Conforming Building Products to reduce risk and increase compliance.
- Product and installation overview and fit-for-purpose review to connect both product and design for easy interpretation.
- Product manual established and issued, customisable per project.
- Supply chain integration to ensure reliable outcome.

PHASE 2



3. Installation

- Subcontractor engagement and feedback to mitigate risk.
- TTM System Application for ease of access to approved systems.
- Sample products issued as necessary.
- Systems installed & documented as required.



4. Inspection

- On-site inspections as required by qualified and experienced engineers.
- Record of site inspections for compliance.
- Proven rectification process where required.
- Inspections based on technical install manuals to remove surprises and delays.

PHASE 3

5. Certification

- Issue of Form 16 upon completion of project.
- Separate Form 16's can be issued subject to sectional portions and subcontractor requirements.
- Dedicated contact enabling streamlined process for certification.



6. Documentation

- Issue of final documentation to industry accepted standards.
- Documentation available in both hardcopy and softcopy.
- Professional format for better client approval and liability cover.

Levels of services

1. Design of services - Form 15
2. Form 15 with design + Form 16 with final installation
3. Full service with products
 - Form 15 design
 - Inspections
 - Product selection & Supply chain
 - Form 16 and final documentation

Earthquake Design Factors

1. Location of the site to determine the Hazard Design Factor.
2. Importance level of the building - levels 1 to 4.
3. Site sub - soil classification - class A_e, B_e, C_e, D_e, E_e
4. Structure height

Regulatory Bodies, Standards and References

Regulatory Bodies:

QBCC – Queensland Building and Construction Commission

Master Builders Queensland

Australian Earthquake Engineering Society

Australian Standards:

AS1170.4 - Amdt 2:2018

References:

NCC – National Construction Code