



Mezzanines
Increase Floor Space
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Description

Depending on the complexity of your project and requirements, Cogan recommends that most clients and/or end users work in association with an architect for additional support. This is to ensure that any critical aspects such as building classification and occupancy, electricity, plumbing, fire codes, exit signage etc. will be properly analyzed and addressed. Please keep in mind that Cogan is not responsible for certifying or analyzing the concrete slab capacity and integrity where the mezzanine columns are to be installed.

SLAB ANALYSIS

SLAB ANALYSIS (AVAILABLE ONLY IN UNITED STATES)

(Contact Cogan for Pricing):

The slab analysis will determine whether or not the existing building slab is able to handle the design loads that are being placed on it. If the slab is proven inadequate and loads cannot be reduced, a structural redesign or a foundation design (footings) will be required.

Slab analysis is important as it ensures the structural integrity of your building foundation will remain intact. Applying loads that exceed the capacity of the slab will cause it to fail or crack. This may lead to even further damage resulting in costly repairs and dangerous working conditions. Slab analysis is also necessary for permit applications.

If you require a slab analysis, Cogan will forward your request directly to our recommended engineering firm, SEIZMIC Inc. The purchaser and/or end user will work directly with SEIZMIC Inc. to perform the slab analysis and any additional steps that may be required.

Sal E. Fateen, President at SEIZMIC Inc.



In 1985 Sal formed Seizmic Engineering, a California corporation specializing in the design and analysis of material handling equipment.

For a complete summary of Sal's credentials, click here (PDF).

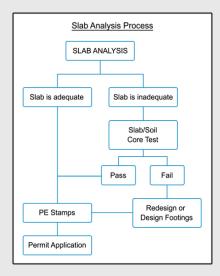




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SLAB ANALYSIS

Here is how the slab analysis process works:



Slab analyses are completed based on the details provided by the purchaser and/or end user. Cogan and/or SEIZMIC Inc. are not responsible for slab failure if calculations were based on any erroneous or inaccurate information. If necessary, on-site slab tests are available at an additional cost.

Please note that Cogan and/or SEIZMIC Inc. are not responsible for any delays encountered during the plan check process or for any revisions that may be caused by city regulations. The permits are to be obtained at the purchaser's expense. Due to the variation of safety codes between regions, it is also the responsibility of the purchaser and/or end user to ensure that the product complies with all respective Electrical, Fire, Seismic, or Safety Codes that pertain to the use and installation of the mezzanine. The purchaser and/or end user must arrange for the appropriate installation and testing of the Cogan mezzanine such that all State, Provincial or Local Safety codes are respected.

Slab Analysis Includes:

1 copy of the following:

 Complete Slab Analysis confirming that the existing building slab can withstand required design loads or footings/plans

Please note that the purchaser and/or end user is responsible for all quantities and dimensions including the verification of, and coordination with field conditions. The purchaser and/or end user is also responsible for the building classification on all construction and warrants that all construction will be governed by the latest edition of the state or provincial building code (including any revisions or addendums) and/or with any other applicable code or requirements of all authorities having jurisdiction. Cogan mezzanines are designed in compliance with the National Code and the American and Canadian Institute of Steel Construction (NBCC and CISC in Canada and IBC and AISC in the U.S.).

