



SLAB ANALYSIS



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.

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(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 \(PDF\)](#).

