

# STRUCTURAL CONDITION ASSESSMENT OF EXISTING INDUSTRIAL BUILDINGS & FACILITIES

## Introduction

Evergreen Engineering, Inc. (Evergreen) in Eugene, Oregon provides its clients with a broad selection of services in Mechanical, Civil/Structural, and Electrical engineering. One area of specialization is the structural condition assessment of existing industrial buildings and facilities.

## Reasons For An Assessment

Structural condition assessment of an existing building can be undertaken for a number of purposes. These can include developing a performance report, establishing building use, serviceability, code compliance, life safety, durability, historic preservation, or a number of other special purposes based on the specific building and its current proposed occupancy or function.

## Qualifications

Evergreen's engineers have experience in structural condition assessment of residential, commercial, institutional, and industrial buildings and facilities. They possess the technical qualifications, practical experience, education, and professional judgment required to perform the individual technical tasks assigned, and a registered professional engineer, qualified in the appropriate discipline, performs interpretation of results and conclusions.

## Service Provided

The structural condition assessment involves industrial buildings and facilities constructed of combinations of materials including concrete, metals, masonry, and wood. These industrial complexes often operate under severe environmental conditions and imposed equipment loads. Facilities and equipment evaluation for impact and vibration loadings may be required.

Evergreen's qualified professional engineer will work with the client to define the scope of services for the structural condition assessment. The scope of services can include: identification of purposes for the assessment, investigation, vibration severity measurements, sampling and testing of materials of construction, selection of applicable codes and standards, and report of the condition assessment.

The client and the qualified engineer can agree upon the engineer's compensation for the services identified in the scope of engineering.

## Conclusion

Evergreen Engineering, Inc. has the experience to help you determine the present structural condition of buildings and facilities. Our staff of professional engineers and designers can provide you with accurate assessments, plus economical and efficient solutions if repairs or modifications to the structure are needed.

As a full service engineering firm, Evergreen can provide planning, design, drawings, contract documents, assessments, and project management for a wide variety of engineering disciplines.



**Please call (541) 484-4771 and we will be happy to provide references and additional information about our services.**



## EVERGREEN ENGINEERING

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