

**ABSTRACT**  
**STEEL STRUCTURE ANALYSIS AND OVERHEAD CRANE**  
**CALCULATION IN WORKSHOP OF PT. KIM SEAH**

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*Becoming one of the compulsory subjects for students to complete practical work 3 months which is one of the requirements to get passed to civil engineering undergraduate degrees at UIB University in companies related to civil engineering.*

*With practical work, students can more freely analyze and observe a project on how the stages of building, solving problems, finding solutions to a problem.*

*By conducting steel structure analysis using SAP 2000 and calculation for Overhead Crane, the building is strong to stand up and hold its own burden and the burden of life it receives.*

*Keywords: analysis, Overhead Crane, steel structure.*