

DESIGN OF A PORTAL FRAME 25M SPAN

Project Report Submitted by

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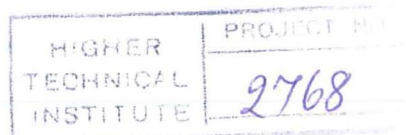
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SUMMARY

The purpose of this project is to design a portal frame 25m span using STAAD III computer program.

It has been written primarily for undergraduates who will now start learning steel design to the new code, and will also be of use to recent graduates and designers wishing to update their knowledge.

The project covers design of elements and joints in steel construction. Design theory is given and a complete portal frame is designed.

The application of microcomputers in the design process is also discussed.

Finally it can be said that for a steel design is better to use a microcomputer.

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