

ENGINEERING & CONSTRUCTION RISK INSTITUTE

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Modular Construction Onshore Projects

Purpose: To review the particular merits and risks involved in using Modular Construction within the Engineering and Construction Industry.

Introduction: There is increased interest within the E&C industry to the use of modular construction technology for onshore projects and it has been used when there are major drawbacks associated with the traditional 'stick built' approach. However before deciding on a modular construction approach a rigorous evaluation process needs to be undertaken to ensure the appropriateness of modular construction for a specific project.

The main reasons for adopting a modular construction approach would be to:-

- Lower/ mitigate the risks with on-site stick built construction.
- Achieve and/or lower costs.
- Achieve and/or reduce the overall completion date.

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