

自充填混凝土施工應注意事項研討-以國道6 號墩柱實體為例

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摘要

The development of Self-Compacting Concrete not only can resolve the problem of concrete pouring, but also can neglect tamping to substantially improve the quality of concrete. It can also meet the security, energy saving, construction safety effort to reduce the demand for skilled workers and shorten the construction duration. It is the first time for SCC to be used in the # 6 highway. In this paper, SCC materials are used in the piers of # 6 highway to explore the notes of SCC. Good design and production management are the key factors for successful SCC project. The quality of ratios is determined on aggregate and accumulated personal experience; and the production management is relied on a management mechanism. Good inspection, control procedures, education and training, appropriate analysis and review capabilities are to enable the standardization of producing procedures and the high quality products. Through the discuss of this study may provide future references for related projects and personnel

關鍵字：SCC, Construction Notes, Ratio Design