

ABSTRACT

Prospectives On Management Of The Construction Of
A Natural Gas Pipeline In Trinidad And Tobago

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Pipeline construction employs specialised equipment and practices many of which are unused, even unknown, in other segments of the construction field.

This project report provides perspectives on the management and supervision of the construction of a cross-country natural gas pipeline in Trinidad and Tobago.

It is intended to be a guide for the practising engineer to appreciate the idiosyncrasies of pipeline construction, and to identify the relevant control mechanisms necessary to monitor the project. It has been stressed that three attributes are necessary for the management and supervision of pipeline construction; these are: A knowledge of precedents, familiarity with the construction process, and the ability to maintain complete and accurate updated records.

The background information has been drawn mainly from the author's personal experiences during the construction of the National Energy Corporation's - Beachfield to Point Lisas 30" Natural Gas Pipeline -

project.

The analysis, data, and descriptive material presented here are generally applicable to the average or normal cross-country pipeline construction project. Industrial or plant pipeline work and city distribution work, while similar in some respects, do not generally involve the same type of construction or utilise the same practices and methods characteristic of the relatively long-distance transmission pipelines.

Specific recommendations have been made for the effective management of the design and construction of a natural gas pipeline project.