NGH 특성 및 NGH 수송선 개요

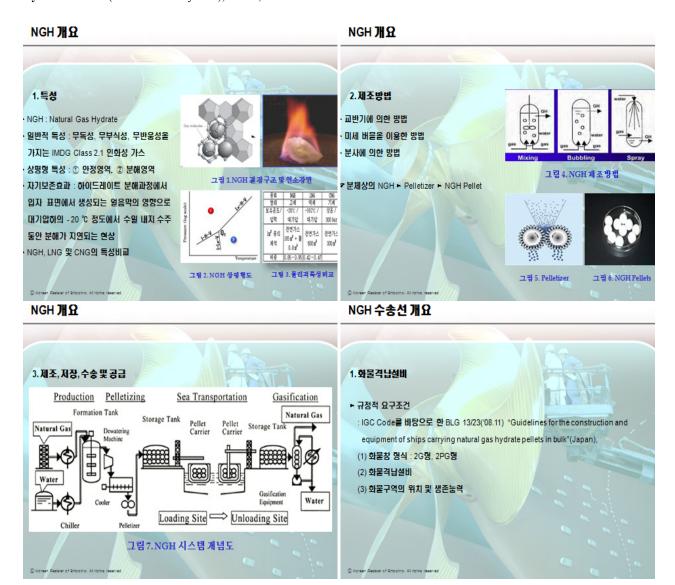
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General Idea of NGH and NGH Carrier

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Abstract : Methane Hydrates or Natural Gas Hydrates (hereinafter NGH) are solid-state energy source formed by the clathration of methane gas in water molecules at low temperature and high pressure. NGH is also known as "burning ice" because of its burning property and appearance similar to that of dry ice. Today, concerns about the NGH are rising as an environment-friendly energy source that can replace fossil fuels. In this paper, to keep pace with the research and development of the NGH, the properties of the NGH and the general features of NGH carriers are introduced.

Keywords: NGH(Natural Gas Hydrate), Pellet, NGH Carrier



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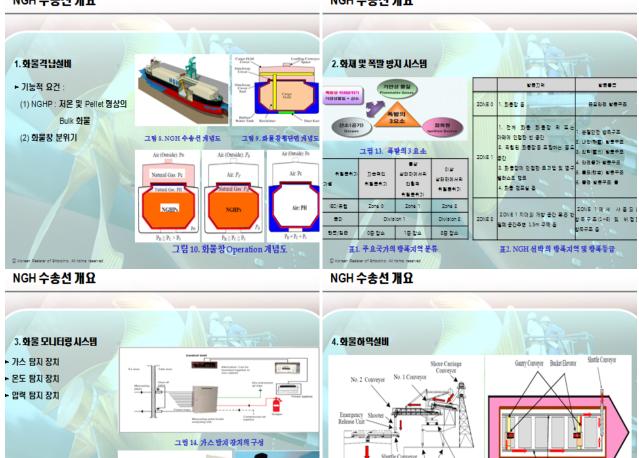


NGH 수송선 개요

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그림 11. NGH Loading System 개념도

Unloading Longitudinal Conveyor 그림 12. NGH Unloading System 개념도



그램 16. 알렉센서의 예

그램 15. 온도감시장치 및 온도센서의 예