Seminar on Japanese Construction Technology

in CONSTECH 2015

Introducing useful Japanese construction technology for construction sites in Thailand.

ROOM
Phoenix3

Fri 27th MARCH

TIME	TITLE	ABSTRACT	COMPANY
10:00~10:15	Opening Greeting		
10:15~10:40	Manual Rack Type MINI RACK Compact rack-type operating apparatus	This is an opening and shutting device letting a water gate go up and down by the combination of rack-formed rod and pinion. This rack operating apparatus is compact and low-cost, and has its short operating time compared to manual spindle lifts. Users feels no stress from it. With oilless gears, it also offers lower running costs and a lower environmental impact. (No high-speed descent system function.)	HOKOKU KOGYO CO., LTD.
10:40~12:00	D.D.BOX	This is a second-story precast gutter with accommodation for electric wire pipelines at the bottom of its structure.	ITOYOGYO CO., LTD.
	Line Aqueduct Concrete Block TypeF	This is curbstone with a small water channel inside used to convey water. It collects and discharges storm water by using slits located continuously and inside water channel to draw water from road surfaces.	
	Humeceptor	This is a road surface drainage treatment resolving and collecting SS and oil from road surface drainage (storm water). It contributes to preserving water environments in such places as lakes, rivers, oceans and farmland.	

Sat 28th MARCH

TIME	TITLE	ABSTRACT	COMPANY
10:00~10:15	Opening Greeting		
10:15~11:40	SCM	This is a shallow soil mixing method, applicable to soft soils at shallow to medium depths. Cementitious materials are introduced and mixed in situ using a special mixing head attached to a standard excavator.	RAITO KOGYO CO., LTD.
	Navigational Drilling System	This is a high-precision navigational drilling system for installing hoses or pipes under or behind existing structures and obstacles. It is used for soft soil improvement or cleaning contaminated soil.	
	MaxPerm Grouting	A permeation grouting system to inject grout at a very low pressure for a larger zone improvement underground, especially suitable for soil improvement to prevent liquefaction during an earthquake.	
	BREAK		
13:00~14:05	High Grade Soil - Air-Foam Mixed Stabilized Soil Method	This is a method of mixing water and a stabilizing agent with soil then adding foam to the mixture. The air-foam mixed stabilized soil has flowability and is lightweight. The density can be designed for a range of 6-12 kN/m^3 and the unconfined compressive strength (qu) can be designed as high as 1,000 kPa.	High Grade Soil Consortium Air-Foam Mixed Stabilized Method Subcommittee
	High Grade Soil - Geo-Tube Drained Method	This is a method of using permeable geosynthetic tubes to effectively utilize low quality soil dredged from rivers, lakes, ports, and harbors which normally have high water content and low strength. Water is gradually drained through a geosynthetic tube. This method is generally applied for river embankments and coastal embankments.	High Grade Soil Consortium Geo-tube Drained Method Subcommittee
14:05~14:50	2D Machine Control System (Grader)	This system is used combining a Rotating Laser, Laser Receiver, and Control Box (CB: Hydraulic controller). Based on the set-up height, the height of the blade of the heavy industrial machine is controlled automatically.	NISHIO RENT ALL (THAILAND) CO.,LTD.
14:50~14:55	Closing remarks		

ACTEC Advanced Construction Technology Center 一般財団法人 先端建設技術センター

NETIS ネティス プラス®