



- Advance technology industry fully computerized production process
- Highly automatic all process controlled at control room
- Real time monitoring installation of CCTV





HONG KONG

MATERIALS

CONSTRUCTION

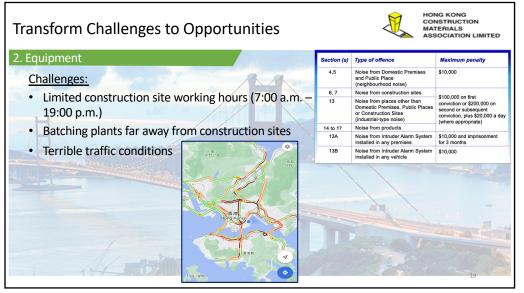
ASSOCIATION LIMITED



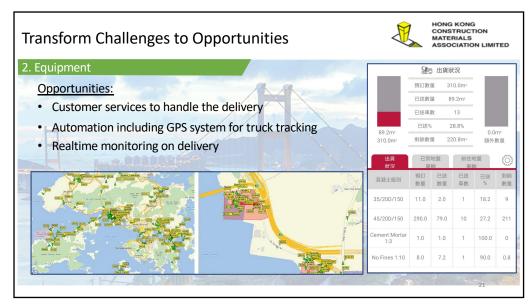


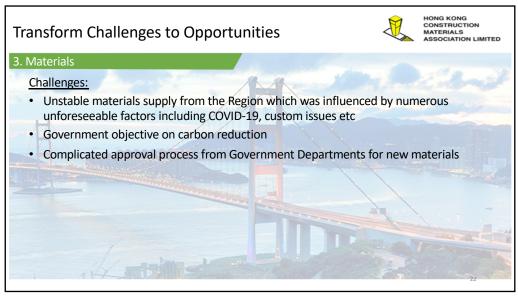




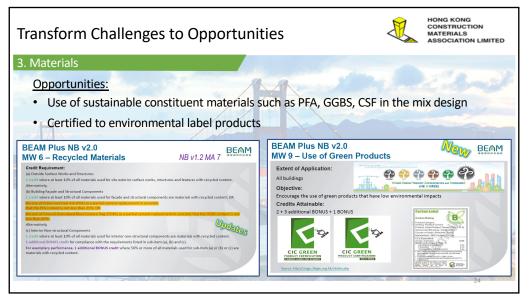








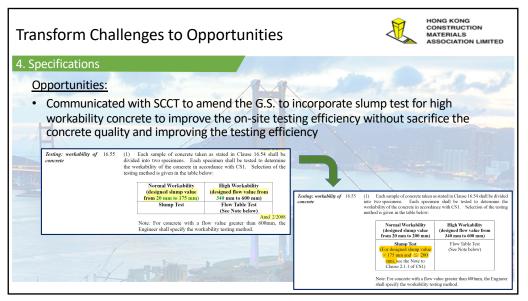


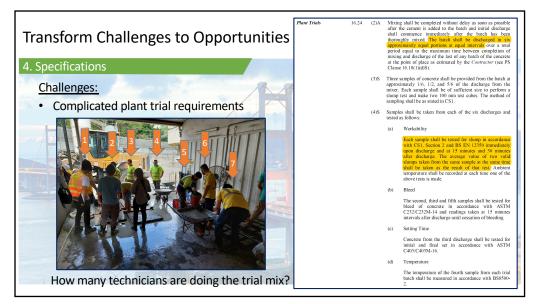


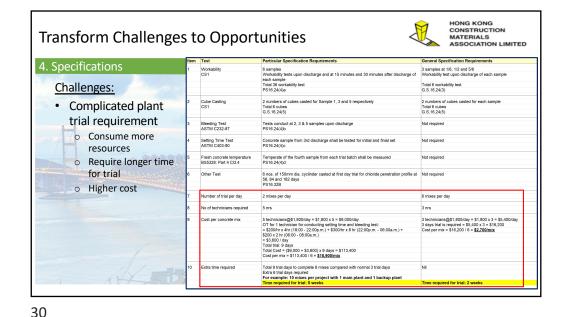


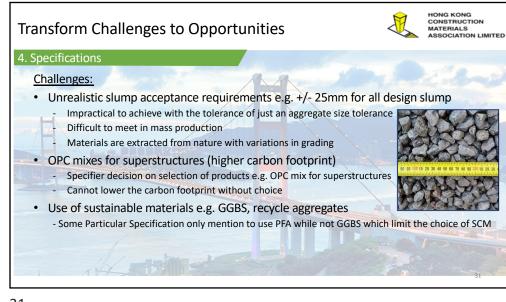


	J				ASSOCIATION LIMITED
Specifications					
Challenges: • On site testin Specification use flow table acceptance te	specified to e test as	Testing : workability of concrete	16.55S	(1)	GS Clause 16.55 is deleted and replaced by: The workability of concrete is not specified but shall b proposed by the Contractor. Concrete workability of less tha 75mm slump will not normally be acceptable. The Contract will be required to demonstrate to the satisfaction of th Supervising Officer that the proposed workability will enable the concrete to be placed in the Works satisfactorily. Tri concrete shall be placed and compacted simulating the actual locations where the concrete is proposed to be used. Except for medium workability mixes (80-135mm slump) th Contractor shall not use the slume test as the sole means c
Suitable Workability Test Methods					measuring workability or deciding upon what level of workability to choose. An approved dynamic method for measuring and controlling the workability of concrete delivere to the Works shall also be used. Suitable methods of test ar
	Medium	(High Workabi > 140mm slur		•	given in the Table below Slump test only up to design slump of 135mm
Low Workability 0-75mm slump	Workability				

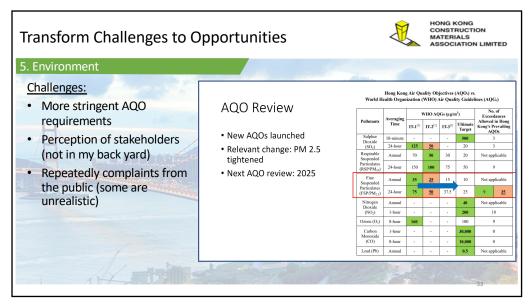


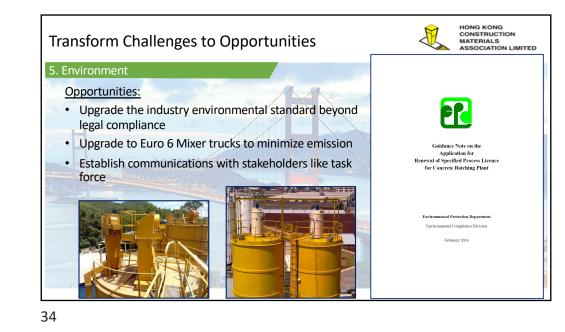














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Technical	SUDITISSION	ou transparer	it, easily to be copie	eu by others	
Difficult f	or the proprie	ety product de	evelopment		
Dimodici	or the proprie	cty product a	evelopinent		
		11			
Material	Туре		Source		
Material OPC	Type Cement	ORDINARY PORTLAND CEMEN	Source NT / GREEN ISLAND CEMENT CO LTD		
		ORDINARY PORTLAND CEMEN PULVERIZED FLY ASH / GREE	NT / GREEN ISLAND CEMENT CO LTD		
OPC	Cement	PULVERIZED FLY ASH / GREE	NT / GREEN ISLAND CEMENT CO LTD		
OPC PFA CRF	Cement Supplementary Cementitious	PULVERIZED FLY ASH / GREET CRUSHED ROCK FINES / ALLIA	NT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD		
OPC PFA	Cement Supplementary Cementitious Fine Aggregate	PULVERIZED FLY ASH / GREE	NT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD		
OPC PFA CRF WATER D17	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVERIZED FLY ASH / GREED CRUSHED ROCK FINES / ALLIA WATER / WATER SUPPLIES DE DARATARD 17 / GCP (HK) LTD	NT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD		
OPC PFA CRF WATER	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVERIZED FLY ASH / GREEI CRUSHED ROCK FINES / ALLIA WATER / WATER SUPPLIES DE DARATARD 17 / GCP (HK) LTD Batch Proportions	WT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD EPT		
OPC PFA CRF WATER D17	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVERIZED FLY ASH / GREED CRUSHED ROCK FINES / ALLIA WATER / WATER SUPPLIES DE DARATARD 17 / GCP (HK) LTD	WT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD EPT		
OPC PFA CRF WATER D17 Mix Description	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVERIZED FLY ASH / GREEI CRUSHED ROCK FINES / ALLIA WATER / WATER SUPPLIES DE DARATARD 17 / GCP (HK) LTD Batch Proportions	WT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD EPT		
OPC PFA CRF WATER D17 Mix Description Plant	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVERIZED FLY ASH / GREEL CRUSHED ROCK FINES / ALLIA WATER / WATER SUPPLIES DE DARATARD 17 / GCP (HK) LTD Batch Proportions (Sai Tso Wan	WT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD EPT		
OPC PFA CRF WATER D17 Mix Description Plant OPC PFA	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVERIZED FLY ASH / GREE GRUSHED ROCK FINES / ALL/ WATER / WATER SUPPLIES DE DARATARD 17 / GCP (HK) LTD Batch Proportions (Sai Tso Wan 300 KG	WT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD EPT		
OPC PFA CRF WATER D17 Mix Description Plant OPC	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVERIZED FLY ASH / GREEI CRUSHED ROCK FINES / ALL/ WATER / WATER SUPPLIES DE DARATARD 17 / OZP (HK) LTD Batch Proportions (Sail Tso Wan 300 KG 150 KG	WT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD EPT		
OPC PFA CRF WATER D17 Mix Description Plant OPC PFA CRF	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVERIZED FLY ASH / GREEI CRUSHED ROCK FINES / ALL/ WATER / WATER / WATER SUPPLIES DO DARATARD 17 / GCP (HK) LTD Batch Proportions (Sai Tso Wan 300 KG 150 KG 150 KG	WT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD EPT		
OPC PFA CRF WATER D17 Mix Description Plant OPC PFA CRF WATER	Cement Supplementary Cementitious Fine Aggregate Water Admixture	PULVER/ZED FLY ASH / GREE CRUSHED ROCK FINES / ALL/ WATER / WATER / WATER / WATER / WATER Batch Proportions I Sail Tso Wan 300 KG 150 KG 320 KG	WT / GREEN ISLAND CEMENT CO LTD N ISLAND CEMENT CO LTD ANCE CONSTRUCTION MATL LTD EPT		



Transform Challenges to Opportunities

HONG KONG CONSTRUCTION MATERIALS ASSOCIATION LIMITED

Challenges:

7. Quality

- The specifiers and users not fully understand the scope of RMC quality.
- Perception only limited to workability and compressive strength compliance in accordance to 28 days compressive strength only

	Table 16.10: Compliance criteria for compressive strength of designed mix concrete						
	Grade strength (MPa)	Compliance criteria	Column A Maximum amount by which each test result may be below the grade strength (MPa)				
			100 mm cubes	150 mm cubes	100 mm cubes	150 mm cubes	
	20 or greater	C1	2	3	7	5	in the second se
		C2	2	3	5	3	
	below 20	C3	2	2	3	2	
A VI						38	10

