

Abnormalities of concrete cube compression tests conducted at the concerned laboratory (excluding the Hong Kong-Zhuhai-Macao Bridge Projects) during the period from January 2013 to June 2016

Annex 2

Contract no.	Contract title	No. of abnormalities	Total no. of tests conducted at the concerned laboratory	Total no. of tests conducted at all laboratories (incl. the concerned laboratory)	Percentage of abnormalities against the total no. of tests conducted at all
ALA814	Minor Works Term Consultancy (2008-2011)	1	6	34	2.94%
SSA501	Design & Construction of Centre of Excellence in Paediatrics	8	1,246	16,317	0.05%
SSA503	Design & Construction of Fire Services Training School	3	3,434	7,967	0.04%
SSA511	Redevelopment of Disciplined Services Quarters in Fu Tei	2	1,154	1,608	0.12%
SST320	Construction of Local Open Space at Chung Yee Street, Kowloon City District	1	38	467	0.21%
SSW304	Design & Construction of TI Tower in Kai Tak Develop. Area	1	1,433	3,278	0.03%
SSW326	Design & Construction of Redevelopment of Tai Lam Centre for Women	1	1,210	2,478	0.04%
SSW327	Reprovisioning of Cape Collinson Crematorium	4	298	2,053	0.19%
CV/2007/03	Development at Anderson Road - Site Formation & Associated Infrastructure Works	2	1,875	34,026	0.01%
CV/2011/01	Site Formation and Infrastructural Works near Tsing Lun Road and Tsz Tin Road in Area 54, Tuen Mun	2	862	3,342	0.06%
CV/2012/09	Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works-Contract 3	1	225	20,372	0.00%
CV/2013/02	CEDD Maintenance Contract for Seawalls and Navigation Channels (2013-2016)	1	14	662	0.15%
-	Precast Concrete Manufacture	1	544	6,172	0.02%
HK/2009/01	Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC	3	1,866	13,406	0.02%
HK/2009/02	Wan Chai Development Phase II - Central-Wan Chai Bypass at Wan Chai East	10	4,411	23,719	0.04%
HK/2012/08	Wan Chai Development Phase II -Central-Wan Chai Bypass at Wan Chai West	1	1,145	19,264	0.01%
KL/2010/03	Kai Tak Development-- Stage 2 Infrastructure Works at North Apron Area of Kai Tak Airport for Residential Development and Government Facilities	1	350	2,107	0.05%
KL/2011/01	Kai Tak Development-Reconstruction and Upgrading of Kai Tak Nullah	2	1,435	18,028	0.01%
DC/2007/12	Design and Construction of Tsuen Wan Drainage Tunnel	1	1,146	12,641	0.01%
DC/2007/23	Harbour Area Treatment Scheme Stage 2A, Construction of Sewage Conveyance System from North Point to Stonecutters Island	2	786	15,302	0.01%
DC/2008/03	Design, Build and Operate Pillar Point Sewage Treatment Works	5	2,266	6,683	0.07%
DC/2009/10	Upgrading Works at Stonecutters Island Sewage Works - Main Pumping Station, Sedimentation Tanks and Ancillary Facilities	5	2,667	8,886	0.06%
DC/2009/13	Construction of Sewage Treatment Works at Yung Shue Wan and Sok Kwu Wan	1	354	2,864	0.03%
DC/2009/23	Upgrading of Preliminary Treatment Works at North Point, Wan Chai East and Central	2	698	3,216	0.06%
DC/2012/02	Upgrading of Mui Wo Sewage Treatment Works and Village Sewerage at Wang Tong and Yue Kwong Chuen	2	689	4,147	0.05%
DC/2012/03	Happy Valley Underground Stormwater Storage Scheme	2	1,094	6,462	0.03%
GE/2010/23	Landslip Prevention and Mitigaion Programme, 2008, Package B Landslip Prevention and Mitigation Works in New Territories East and West	1	177	4,051	0.02%
GE/2010/25	Landslip Prevention and Mitigation Programme, 2008, Package A, Landslip Prevention and Mitigation Works in Hong Kong Island West and South	3	551	2,632	0.11%
GE/2011/13	Landslip Prevention and Mitigation Programme, 2009, Package I, Landslip Prevention and Mitigation Works in Mainland East (North)	1	58	1,271	0.08%
GE/2012/01	Landslip Prevention and Mitigaion Programme, 2010, Package C, Landslip Prevention and Mitigation Works in Mainland West (North)	2	207	528	0.38%
GE/2012/05	Landslip Prevention and Mitigaion Programme, 2012, Package B Landslip Prevention and Mitigation Works in Hong Kong Island East	1	174	1,502	0.07%
GE/2012/06	Landslip Prevention and Mitigaion Programme, 2012, Package K, Landslip Prevention and Mitigation Works in Hong Kong Island, Kowloon, the New Territories and Outlying Islands	1	196	1,035	0.10%
GE/2012/25	Landslip Prevention and Mitigaion Programme, 2010, Package K	1	72	770	0.13%

Abnormalities of concrete cube compression tests conducted at the concerned laboratory (excluding the Hong Kong-Zhuhai-Macao Bridge Projects) during the period from January 2013 to June 2016

Annex 2

Contract no.	Contract title	No. of abnormalities	Total no. of tests conducted at the concerned laboratory	Total no. of tests conducted at all laboratories (incl. the concerned laboratory)	Percentage of abnormalities against the total no. of tests conducted at all
GE/2012/28	Landslip Prevention and Mitigation Programme, 2010, Package J Landslip Prevention and Mitigation Works in Mainland East (North)	2	249	759	0.26%
GE/2013/02	Landslip Prevention and Mitigation Programme, 2011, Package J Landslip Prevention and Mitigation Works in Kowloon and New Territories	1	108	1,125	0.09%
1114	Shatin to Central Link- Construction of non-railway works Tsz Wan Shan Pedestrian Links	4	1,526	6,210	0.06%
HY/2007/10	Reconstruction and Improvement of Tuen Mun Road - Tai Lam Section	2	1,305	9,552	0.02%
HY/2008/09	Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling (Stage 1 - between Island House Interchange and Ma Wo)	1	1,213	21,086	0.00%
HY/2008/11	Reconstruction and Improvement of Tuen Mun Road - Sam Shing Hui Section	4	2,076	9,828	0.04%
HY/2008/12	Bus-Bus Interchanges on Tuen Mun Road	1	580	2,373	0.04%
HY/2009/15	Central-Wan Chai Bypass Tunnel (Causeway Bay Typhoon Shelter Section)	14	11,824	44,176	0.03%
HY/2009/17	Central-Wan Chai Bypass FEHD Whitfield Depot Reprovisioning Works	2	170	2,482	0.08%
HY/2009/18	Central Wan Chai Bypass - Central Interchange	3	2,872	12,265	0.02%
HY/2009/19	Central-Wan Chai Bypass-Tunnel (North Point Section) and Island Eastern Corridor Link	7	6,017	41,689	0.02%
HY/2009/20	Provision of Lifts to Existing Footbridge HF84 in North Point	1	32	148	0.68%
HY/2010/08	Central-Wan Chai Bypass-Tunnel (Slip Road 8 Section)	1	230	24,668	0.00%
HY/2011/13	Improvement to Pok Oi Interchange	1	99	2,916	0.03%
HY/2012/12	Provision of Barrier-free Access Facilities for Highway Structures - Phase 2	1	39	793	0.13%
1/LANDS/11	Slope Maintenance and Improvement Works over Hong Kong Island and Islands, Kowloon, Sai Kung, Tsuen Wan and Kwai Tsing Districts	1	100	974	0.10%
4/LANDS/12	Slope Maintenance and Improvement Works over Tuen Mun, Yuen Long North, Tai Po and Shatin Districts	1	189	1,020	0.10%
9/LANDS/13	Slope Maintenance and Improvement Works over Hong Kong Island and Islands, Kowloon, Sai Kung, Tsuen Wan and Kwai Tsing Districts	2	44	777	0.26%
1/WSD/11(L)-HW2	Term Contract for Waterworks District L	1	50	70	1.43%
11/WSD/10	Replacement and Rehabilitation of Water Mains, Stage 4	1	72	712	0.14%
15/WSD/10	Expansion of Tai Po Water Treatment Works and Ancillary Raw Water and Fresh Water Transfer Facilities Design and Build of New Stream II	3	751	13,352	0.02%
20/WSD/08	Replacement and Rehabilitation of Watermains, Stage 3, Mains on Hong Kong Island East	1	394	2,975	0.03%
[A total of 55 nos. of contracts involved] Total		130	62,621	447,240	0.03%

Note:

1. This is the best information we could provide within the time constraint.
2. During the early commissioning of the concerned laboratory, mainly in the period from 2013 to 2014, it also assisted other Public Works Regional Laboratories in conducting concrete cube tests for some 400 public works projects.