



Water Treatment Projects In Hong Kong Using HydroFLOW Electromagnetic Induction Device

Government Sector	Applications	Year of Installation
Prince of Wales Hospital	Descaling of air compressor	2004
Prince Philip Dental Hospital	Water quality improvement of seawater cooled chillers	2005
Pik Uk Prison	Descaling of steam boilers	2006
Lai Chi Kok Correctional Institution	Descaling of steam boilers	2006
Pak Sha Wan Correctional Institution	Descaling of steam boilers	2006
Ma Po Ping Prison	Descaling of steam boilers	2006
Shek Pik Prison	Descaling of steam boilers	2006
Lo Wu Correctional Institution	Descaling of steamers	2006
Shek Wu Hui Sewage Treatment Works	Water quality improvement of fish pond	2006
Yuen Long Sewage Treatment Works	Heat transfer improvement for methane compressor cooling system	2006
Yuen Long Sewage Treatment Works	Water quality improvement of fish pond	2006
Hong Kong Eye Hospital	Descaling of steam boilers	2006
Princess Margaret Hospital	Descaling of calorifiers	2006
Queen Elizabeth Hospital	Decaling of heat exchangers	2006
Queen Elizabeth Hospital	Energy and cost saving for hydrotherapy pool	2006
Queen Mary Hospital	Descaling of steam boilers	2006
Shatin Hospital	Descaling of steam boilers	2006
Tseung Kwan O Hospital	Descaling of steam boilers	2006
Wong Chuk Hang Hospital	Descaling of steam boilers	2006
Kowloon Park	Water quality improvement of water feature	2006
Shatin Sewage Treatment Works	Descaling of waste heated boilers	2007
Castle Peak Hospital	Descaling of steam boilers	2007
Caritas Medical Centre	Energy and cost saving for hydrotherapy pool	2007
David Trench Rehab. Centre	Energy and cost saving for hydrotherapy pool	2007
Deep Water Bay Laundry	Descaling of steam boilers	2007



Pamela Youde Nethersole Eastern Hospital	Descaling of steam boilers	2007
Pamela Youde Nethersole Eastern Hospital	Descaling of hot water boilers	2007
Pamela Youde Nethersole Eastern Hospital	Descaling of cook chillers	2007
Pamela Youde Nethersole Eastern Hospital	Energy efficiency improvement for 6000TR seawater cooled chillers plant	2007
Kowloon Hospital	Water quality improvement of fountain	2007
Pok Oi Hospital	Descaling of steam boilers	2007
Tsan Yuk Hospital	Descaling of steam boilers	2007
Tuen Mun Hospital	Descaling of sterilizer (Operation Theatre)	2007
North District Hospital	Descaling of steam boilers	2009
North District Hospital	Descaling of heat exchangers	2009
North District Hospital	Descaling of calorifiers	2009
Hong Kong Wetland Park	Water quality improvement of water feature	2009
Tuen Mun Hospital	Descaling of steam boilers	2010
EMSD Headquarter	Energy efficiency improvement for hot water boiling system	2010
Shatin Sewage Treatment Works	Descaling of power generators	2011
Tsuen Wan Town Hall	Energy efficiency improvement for 600TR seawater cooled chiller plant	2011
Tseng Choi Street Government Services Complex	Energy efficiency improvement for 260TR fresh water cooled chiller plant	2011
Lai Chi Kok Government Offices	Water treatment for 600TR fresh water cooled chiller plant	2012
Tsuen Wan Government Offices	Descaling of water cooled chillers	2013
EMSD Headquarter	Energy efficiency improvement for fresh water cooled chiller plant	2014
Sai Kung Government Offices - GPA	Energy efficiency improvement for fresh water cooled chiller plant	2014
Sai Kung Government Offices - OGCIO	Energy efficiency improvement for fresh water cooled chiller plant	2014
Mong Kok Government Offices	Energy efficiency improvement for fresh water cooled chiller plant	2014
APB Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Public Works Central Laboratory	Energy efficiency improvement for fresh water cooled chiller plant	2014
CEDD Headquarter	Energy efficiency improvement for fresh water cooled chiller plant	2014
Kowloon Government Offices	Energy efficiency improvement for fresh water cooled chiller plant	2015
Yau Ma Tei Police Station	Energy efficiency improvement for fresh water cooled chiller plant	2015
Wanchai Tower	Energy efficiency improvement for seawater cooled chiller plant	2017



Revenue Tower	Energy efficiency improvement for seawater cooled chiller plant	2017
Immigration Tower	Energy efficiency improvement for seawater cooled chiller plant	2017
Tsuen Wan Government Building - Upper and Lower block	Energy efficiency improvement for fresh water cooled chiller plant	2018
TKO Police Station	Energy efficiency improvement for fresh water cooled chiller plant	2018
Sau Mau Ping Police Station	Energy efficiency improvement for fresh water cooled chiller plant	2018
Border District Police Headquarters	Energy efficiency improvement for fresh water cooled chiller plant	2018
Hong Kong Police Headquarters - East Wing	Energy efficiency improvement for seawater cooled chiller plant	2018
Hong Kong Police Headquarters - West Wing	Energy efficiency improvement for seawater cooled chiller plant	2018
Hong Kong Police Headquarters - Arsenal House	Energy efficiency improvement for seawater cooled chiller plant	2018
ICAC Headquarters	Energy efficiency improvement for fresh water cooled chiller plant	2018
Marine Police Regional Headquarters	Energy efficiency improvement for fresh water cooled chiller plant	2018
Police Sports and Recreation Club	Energy efficiency improvement for fresh water cooled chiller plant	2018
N.T. South Regional Headquarters	Energy efficiency improvement for fresh water cooled chiller plant	2018
Southern Centre	Energy efficiency improvement for fresh water cooled chiller plant	2018
Tuen Mun Police Station	Energy efficiency improvement for fresh water cooled chiller plant	2018
Hong Kong Public Records Building	Energy efficiency improvement for fresh water cooled chiller plant	2018
Cheung Sha Wan Government Offices	Energy efficiency improvement for fresh water cooled chiller plant	2018
West Kowloon Government Offices	Energy efficiency improvement for fresh water cooled chiller plant	2019
Shenzhen Bay Control Point	Energy efficiency improvement for fresh water cooled chiller plant	2019
Youth Square	Energy efficiency improvement for fresh water cooled chiller plant	2019
Tuen Mun Children and Juvenile Home	Energy efficiency improvement for fresh water cooled chiller plant	2019
APB Centre Phase 2	Energy efficiency improvement for fresh water cooled chiller plant	2019
Harbour Building	Energy efficiency improvement for seawater cooled chiller plant	2019
Tsuen Wan Government Building	Maintain energy efficiency of new fresh water cooled chillers	2019
Queensway Government Offices	Energy efficiency improvement for seawater cooled chiller plant	2019
Macau Ferry Terminal	Energy efficiency improvement for seawater cooled chiller plant	2019
China Ferry Terminal	Energy efficiency improvement for seawater cooled chiller plant	2020
Queen Elizabeth Hospital - BSU Phase 1	Energy efficiency improvement for fresh water cooled chiller plant	2020
Eastern Law Courts Building	Energy efficiency improvement for fresh water cooled chiller plant	2020



Kowloon East Regional Building	Fresh Water Cooling Tower System	2021
Princess Margaret Hospital Block G Phase 1	Fresh Water Cooling Tower System	2021
Wu Shan Road Community Hall	Fresh Water Cooling Tower System	2021
Customs Headquarters Building	Fresh Water Cooling Tower System	2021
Central Government Complex - Phase 1	Direct Seawater Cooled System	2021
Princess Margaret Hospital Nurse Quarter	Fresh Water Cooling Tower System	2021
Princess Margaret Hospital	Steam Boiler Plant	2021
Central Government Complex - Phase 2	Direct Seawater Cooled System	2022
Queen Elizabeth Hospital - BSU Phase 2	Energy efficiency improvement for fresh water cooled chiller plant	2022

Private Sector

Disney Hollywood Hotel	Descaling of thermal mixing valves	2006
Lee Kum Kee	descaling of steam boilers	2006
Swire - HAECO	Water quality improvement for cooling towers of Hangar No.1	2006
Residence Bel-Air	Water quality improvement of water features	2007
Disney Hollywood Hotel	Water quality improvement of swimming pool	2007
Hong Kong Disneyland Hotel	Water quality improvement of swimming pools	2007
Hong Kong Disneyland Hotel	Water quality improvement of spa	2007
Hong Kong Disneyland Hotel	Water quality improvement of hot tubs	2007
Hong Kong Disneyland Hotel	Water quality improvement of fountains	2007
Swire - CocaCola	descaling of steam boilers	2007
Swire - CocaCola	descaling of production chiller plant - Phase I	2007
Swire - HAECO	Water quality improvement for cooling towers of Hangar No.2	2007
Vitasoy Intenational Limited	descaling of chiller plant - Phase I	2007



Bel-Air on the Peak	Water quality improvement of water features	2008
Disney Hollywood Hotel	Decaling of hot water boilers	2008
Hong Kong Disneyland Hotel	Descaling of hot water boilers	2008
Hong Kong Disneyland Hotel	Water quality improvement of chilled water	2008
Hong Kong Disneyland Park	Energy efficiency improvement for 6000TR fresh water cooled chiller plant	2008
Hong Kong Disneyland Park	Water quality improvement of water features	2008
Hong Kong Disneyland Park	descaling of steam boilers	2008
Hong Kong Disneyland Park	descaling of kitchen equipment	2008
HSBC - Chairman's House	Water quality improvement for swimming pool	2008
Standard Chartered Bank Building	Energy efficiency improvement for 380TR fresh water cooled chiller plant	2008
Hong Kong Land - Exchange Square	Energy efficiency improvement for 12500TR seawater cooled chiller plant	2008
Hong Kong Institute of Education	Water quality improvement and cost saving for swimming pools	2008
ISS World - Cyber Port	Water quality improvement of water features	2008
Bel-Air no.8	Water quality improvement of water features	2009
Hong Kong Land - Jardine House	Energy efficiency improvement for 4000TR seawater cooled chiller plant	2009
Hong Kong Land - Alexander House	Energy efficiency improvement for 3000TR seawater cooled chiller plant	2009
Hong Kong Land - Prince's Building	Energy efficiency improvement for 2950TR seawater cooled chiller plant	2009
Hong Kong Science Park - IC Development Cen	Energy efficiency improvement for 900TR fresh water cooled chiller plant	2009
Hong Kong Baptist University	Water quality improvement of water cooled chillers plant	2009
City Univeristy of Hong Kong	Water quality improvement and cost saving for swimming pool	2009
L'Arc Hotel Macau	Maintain energy efficiency of new fresh water cooled chillers	2009
Swire - HAECO	Water quality improvement for cooling towers of Hangar No.3A	2009
Disney Hollywood Hotel	Descaling of heat recovery chillers	2010
Sino - Skyline Tower	Energy efficiency improvement for fresh water cooled chiller plant	2010
Swire - Cathay Pacific Catering Services	descaling of steam boilers	2010
JW Marriott Hotel Hong Kong	descaling of kitchen washer and steamer	2010
Hotel Royal Macau	Energy efficiency improvement for fresh water cooled chiller plant	2010
Hong Kong Jockey Club (Happy Valley Clubhou	Energy efficiency improvement for 1040TR fresh water cooled chiller plant	2011
JW Marriott Hotel Hong Kong	descaling of steam boilers	2011
JW Marriott Hotel Hong Kong	descaling of steamers	2011



Sheraton Hong Kong Hotel	descaling of steam boilers	2011
Sheraton Hong Kong Hotel	Water quality improvement for swimming pool	2011
Sino Plaza	Energy efficiency improvement for 1640TR fresh water cooled chiller plant	2011
Hollywood Centre	Energy efficiency improvement for 220TR fresh water cooled chiller plant	2011
Empire Centre	Energy efficiency improvement for 1632TR sea water cooled chiller plant	2011
Tuen Mun Town Plaza	Energy efficiency improvement for 2400TR fresh water cooled chiller plant	2011
Exchange Tower	Energy efficiency improvement for 2750TR fresh water cooled chiller plant	2011
Tsim Sha Tsui Centre	Energy efficiency improvement for 2320TR sea water cooled chiller plant	2011
Winfield Commercial Building	Energy efficiency improvement for 500TR fresh water cooled chiller plant	2011
Hong Kong Land - Exchange Square	Water quality improvement for flushing water	2012
Sita - Pilla Point Valley Landfill Restoration	descaling of leachate heater	2012
Swire - HAECO	Maintain energy efficiency of absorption chiller plant	2012
Times Square	Water quality improvement for fountain	2012
Vitasoy Intenational Limited	descaling of distillers	2012
Langham Place Hotel	descaling of steam boilers	2012
Wynn Macau	descaling of steam boilers	2012
Hong Kong Science Park - Bio-Informatics Centre	Energy efficiency improvement for 1200TR fresh water cooled chiller plant	2012
Hang Seng Bank Headquarter	Energy efficiency improvement for 1400TR fresh water cooled chiller plant	2012
Chung Fu Plaza Phase 1	Energy efficiency improvement for 600TR fresh water cooled chiller plant	2013
Chung Fu Plaza Phase 2	Energy efficiency improvement for 1000TR fresh water cooled chiller plant	2013
Tin Chak Shopping Centre	Energy efficiency improvement for 1100TR fresh water cooled chiller plant	2013
Tin Yiu Plaza	Energy efficiency improvement for 1050TR fresh water cooled chiller plant	2013
Choi Yuen Plaza - Plant B	Energy efficiency improvement for 1050TR fresh water cooled chiller plant	2013
Leung King Plaza	Energy efficiency improvement for 1200TR fresh water cooled chiller plant	2013
Wo Che Plaza - Plant B	Energy efficiency improvement for 1000TR fresh water cooled chiller plant	2013
Wo Che Plaza - Plant C	Energy efficiency improvement for 900TR fresh water cooled chiller plant	2013
Cheung Fat Plaza	Energy efficiency improvement for 1350TR fresh water cooled chiller plant	2013
Fu Tung Plaza	Energy efficiency improvement for 1000TR fresh water cooled chiller plant	2013
Lok Fu Plaza - Plant A	Energy efficiency improvement for 1200TR fresh water cooled chiller plant	2013



Lok Fu Plaza - Plant C	Energy efficiency improvement for 1350TR fresh water cooled chiller plant	2013
Tsz Wan Shan Shopping Centre	Energy efficiency improvement for 2300TR fresh water cooled chiller plant	2013
Hau Tak Shopping Centre	Energy efficiency improvement for 1650TR fresh water cooled chiller plant	2013
Sheung Tak Plaza	Energy efficiency improvement for 1350TR fresh water cooled chiller plant	2013
Hong Kong Institute of Education	Energy efficiency improvement for phase 2 fresh water cooled chiller plant	2014
Tai Yuen Market	Energy efficiency improvement for fresh water cooled chiller plant	2014
Tai Wo Plaza - Plant A	Energy efficiency improvement for fresh water cooled chiller plant	2014
Tai Wo Plaza - Plant C	Energy efficiency improvement for fresh water cooled chiller plant	2014
Tin Shing Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Tin Shui Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
On Ting Main Block	Energy efficiency improvement for fresh water cooled chiller plant	2014
Butterfly Plaza	Energy efficiency improvement for fresh water cooled chiller plant	2014
Lek Yuen Plaza	Energy efficiency improvement for fresh water cooled chiller plant	2014
Yu Chui Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Kam Tai Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Murray House	Energy efficiency improvement for fresh water cooled chiller plant	2014
Siu Sai Wan Plaza	Energy efficiency improvement for fresh water cooled chiller plant	2014
Oi Tung Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Choi Ming Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Ming Tak Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Ping Tin Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Kai Tin Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Tak Tin Plaza	Energy efficiency improvement for fresh water cooled chiller plant	2014
Sau Mau Ping Shopping Centre - Phase 1	Energy efficiency improvement for fresh water cooled chiller plant	2014
Choi Wan Commercial Complex Phase 2B	Energy efficiency improvement for fresh water cooled chiller plant	2014
Choi Wan Commercial Complex Phase 3	Energy efficiency improvement for fresh water cooled chiller plant	2014
Fung Tak Market	Energy efficiency improvement for fresh water cooled chiller plant	2014
Wong Tai Sin Plaza – Plant A	Energy efficiency improvement for fresh water cooled chiller plant	2014
Oi Man Plaza	Energy efficiency improvement for fresh water cooled chiller plant	2014
Yung Shing Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014



Chung On Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2014
Yat Tung Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2015
Yau Oi Main Block	Energy efficiency improvement for fresh water cooled chiller plant	2015
Cheung Fat Market	Energy efficiency improvement for fresh water cooled chiller plant	2015
Sau Mau Ping Shopping Centre - Phase 2	Energy efficiency improvement for fresh water cooled chiller plant	2015
Po Tin Shopping Centre	Energy efficiency improvement for fresh water cooled chiller plant	2015
Hong Kong Pacific Centre	Maintain energy efficiency of new fresh water cooled chillers	2015
Regal Airport Hotel Hong Kong	descaling of steam boilers	2016
The Peninsula Hotel	descaling of hot water boilers	2016
Fu Tung Plaza - Phase 2	Maintain energy efficiency of new fresh water cooled chillers	2016
Kai Tin Shopping Centre - Phase 2	Maintain energy efficiency of new fresh water cooled chillers	2016
Sau Mau Ping Shopping Centre - Phase 3	Maintain energy efficiency of new fresh water cooled chillers	2016
700 Nathan Road	Maintain energy efficiency of new fresh water cooled chillers	2017
The Quayside	Maintain energy efficiency of new fresh water cooled chillers	2019
King's Road 704	Maintain energy efficiency of new fresh water cooled chillers	2019
Olympian City 1	Maintain energy efficiency of new fresh water cooled chillers	2019
Hong Kong Science Park - Building 5E	Energy efficiency improvement for fresh water cooled chiller plant	2019
Maritime Square 2	Energy efficiency improvement for fresh water cooled chiller plant	2020
Kai Tin Shopping Centre Phase 2	Maintain energy efficiency of new fresh water cooled chillers	2020
Hong Kong Jockey Club (Tsuen Wan Branch B&	Maintain energy efficiency of new fresh water cooled chillers	2020
Hong Kong Sanatorium & Hospital	Maintain energy efficiency of new fresh water cooled chillers	2020
Siu Sai Wan Plaza - Phase 2	Fresh Water Cooling Tower System	2021
MTR - Tuen Mun Station	Fresh Water Cooling Tower System	2021
SkyCity A2 Plant Room	Direct Seawater Cooled System	2021
Swire Property - Citygate	Direct Seawater Cooled System	2022
MTR - TIC Pumping Station	Indirect Seawater Cooled System	2022
MTR - Ocean Walk	Fresh Water Cooling Tower System	2022
SkyCity A3 Plant Room	Direct Seawater Cooled System	2022
CityU Yeung Kin Man Academic Building	Fresh Water Cooling Tower System	2022
Hong Kong Land - Landmark (Gloucester Tower)	Direct Seawater Cooled System	2022



Hong Kong Land - Landmark (Edinburgh Tower)	Direct Seawater Cooled System	2022
Hong Kong Jockey Club - Olympic Stable	Fresh Water Cooling Tower System	2023
MTR - Nam Cheong Station	Fresh Water Cooling Tower System	2023
Po Garden	Fresh Water Condensing Water System	2023