

# BEAM Plus Consultancy Services for THEi New Campus at J/O Shing Tai Road and Wing Tai Road, Chai Wan, Hong Kong



**CLIENT:** UNISTRESS BUILDING  
CONSTRUCTION LIMITED

**LOCATION:** HONG KONG

**DATE:** AUGUST 2017 - JUNE 2018

**TAGS:** BEAM PLUS, ENVIRONMENTAL  
CONSULTANCY SERVICES, NOISE  
MEASUREMENT, INSTITUTION DEVELOPMENT,  
THEi

**USE OF TECHNOLOGY:** BEAM PLUS  
ASSESSMENT CERTIFICATION, NOISE  
MEASUREMENT SERVICES, SOUND LEVEL  
METER, TAPPING MACHINE,  
DODECAHEDRON LOUDSPEAKER

## **Background**

BEAM Plus Certification is one of the most widely used voluntary green building labelling schemes in Hong Kong, which is aligned with local regulations, standards and codes of practice for the high-rise and high-density built environment. A new campus of Technological and Higher Education Institute (THEi) at J/O Shing Tai Road and Wing Tai Road, Chai Wan, was certified Provisional Platinum under BEAM Plus New Building (NB) Version 1.2 green building scheme. Acoustic measurement was one of the requirements for BEAM Plus assessment.

## **Our Roles**

ANewR provides quality BEAM Plus consultancy services to UBC to facilitate the compliance with BEAM Plus credit requirements. We provide specialist advisory service in acoustic measurement for background noise, reverberation time, noise isolation of walls and floors and indoor vibration according to ISO 3382-2, ASTM 336-09, ASTM E1007-04 and ISO 2631-2 respectively.

## **Key Values to Client**

With our quality professional service and expertise in using sophisticated measurement equipment such as sound level meters, the Tapping Machine (NOR 227) and Dodecahedron loudspeaker (NOR 276), we help our Client to verify the building acoustic performance through on-site measurement and acquire relevant BEAM Plus credits to ultimately strengthen the comfort and indoor environmental performance of the institute building.