

# Environmental Monitoring Consultancy Services for Construction of Subsidised Sale Flats Development at Hang Kin Street, Ma On Shan Area 90B



**CLIENT :** SUN FOOK KONG CONSTRUCTION LIMITED

**LOCATION :** HONG KONG

**DATE:** NOVEMBER 2017 - JUNE 2020

**TAGS:** ENVIRONMENTAL MONITORING, BEAM PLUS CERTIFICATION, AIR SENSITIVE RECEIVERS (ASRs), NOISE SENSITIVE RECEIVERS (NSRs), REAL-TIME DUST MONITOR, SOUND LEVEL METER

## **Background**

The subsidised sale flats development at Hang Kin Street is under the assessment of BEAM Plus certification scheme. In order to attain the credits of air and noise pollution during construction under BEAM Plus certification, an environmental monitoring programme for construction dust and noise is required to be carried out to comply with relevant credit requirements.

## **Our Roles**

ANewR has been appointed by SFK to undertake the environmental monitoring works of construction dust and noise levels in the Air Sensitive Receivers (ASRs) and Noise Sensitive Receivers (NSRs) on a 6-day and weekly basis respectively. Our monitoring services include the measurement of the 1-hr Total Suspended Particulates (TSP) level with the Real-time Dust Monitor and 30-min equivalent A-weighted sound pressure level ( $L_{eq}$ ) with the Sound Level Meter complying with IEC 61672-1:2002 Class 1, comparisons of impact monitoring data of TSP and  $L_{eq}$  level with the baseline data, identification of any Action/Limit level exceedances, and submission of monthly environmental monitoring reports.

## **Key Values to Client**

ANewR is fully equipped with dust and noise measurement expertise. We accurately measure the dust and noise levels in the sensitive receivers regularly to help control construction dust and noise impacts due to the Project. Therefore, the relevant credits under the BEAM Plus certification scheme can be attained.