

**Emission Inventory for Industrial Emissions**

Industrial Source <sup>[2][4]</sup>	Source ID	Type	X	Y	Z	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	Pollutant Emission Rate			Operation Hours
			(m)	(m)	(mPD)	(m)	(K)	(m/s)	(m)	RSP	FSP	NOx	
<b>Lam Tei Area</b>													
Polystyrene Foam Products Factory Limited <sup>[1][2]</sup>	CH3	POINT	816602.0	831182.0	12.0	10.0	373	6.0	0.30	7.200E-03	5.533E-03	1.333E-01	0700 - 1900
<b>So Kwun Wat, Siu Lam and Tai Lam, Tsing Lung Tau and North Lantau Areas</b>													
Asphalt Surfaces (International) Limited <sup>[3]</sup>	EP01	POINT	826461.0	823599.0	5.7	16.0	332	16.0	0.90	1.540E-01	1.540E-01	1.720E-01	0000 - 2400
Asphalt Surfaces (International) Limited <sup>[3]</sup>	EP03	POINT	826471.0	823576.0	5.3	5.0	493	7.0	0.25	1.470E-03	1.470E-03	1.470E-02	0000 - 2400

Note:

[1] With reference to the approved EIA report of Hung Shui Kiu New Development Area (AEIAR-203/2016), some of its assessed chimneys (i.e. CH1, CH2, CH3 and CH16 in HSK EIA) fall within the 500m assessment of the Project R11. Site visit was conducted in April 2022 and June 2023, and confirmed that only CH1 [please also refer to note 2 for CH1] and CH3 are still under operation, while CH2 and CH16 no longer exist, and no new stack was found. However, chimney information was not provided by the operator. Hence, the stack and emission information is made reference to the approved EIA report of Hung Shui Kiu New Development Area (AEIAR-203/2016). Nonetheless, based on site verification, location of the chimney has been updated.

[2] For chimney CH1 identified in the approved EIA report of Hung Shui Kiu New Development Area (AEIAR-203/2016), CEDD advised that construction of the proposed public housing developments at Nai Wai site will be carried out between 2026 and 2031. The industrial premise of chimney CH1 within the site boundary of the Nai Wai site therefore will be resumed before 2031 and before commissioning of R11 in 2033. Therefore, CH1 was not included.

[3] The stack and emission information of Asphalt Surfaces (International) Limited is made reference to the approved Air Pollution Control Plan for its SP license.

[4] EPD Regional Office has confirmed in March 2022 that there are no SP premises identified in assessment areas in So Kwun Wat, Tai Lam, Tsing Lung Tau and North Lantau Island; while the only SP Premises found in Lam Tei are all inside the existing Lam Tei Quarry, which will cease its operation in 2023 before commissioning of R11 in 2033 and hence are not included in the assessment. Site surveys have also been conducted in April 2022 and June 2023 covering all accessible areas in assessment areas in Lam Tei, So Kwun Wat, Tai Lam, Tsing Lung Tau and North Lantau Island, no other chimneys were identified. Therefore, all chimneys within 500m has been included in the near-field model in the assessment.