

Additional Information

In this methodology, reference emissions are calculated by net supplied heat quantity recovered by the project waste heat recovery system and emission factor of natural gas. Heat quantity recovered from waste heat is calculated by multiplying supplied combustion air quantity, specific heat of combustion air and temperature difference between the temperature of combustion air and temperature of ambient. To ensure the net emission reductions, the ambient temperature is determined conservatively at the highest value among the mean monthly maximum temperature per the unit of special city or province in Vietnam, which is shown in the following tables. As a result, the default value is set to be 35.8 °C.

City	Mean Monthly Maximum Temperature* (°C)
Son la	31.8
Cao Bang	34.1
Ha Dong	35.4
Phu Lien	33.4
Lang Son	32.8
Thanh Hoa	34.8
Vinh	35.8
Dong Hoi	35.3
Hue	35.2
Da Nang	35.2
Qui Nhon	34.2
Nha Trang	33.3
Phan Thiet	33.5
Ca Mau	34.1
Phu Quoc	32.5

(Source: Climate View, Japan Meteorological Agency)

*Data used are those from September 2014 to August 2017