

Table 7. Uncertainty assessment of major emission sources in the YRD region.

Sources	SO ₂	NO _x	CO	PM ₁₀	PM _{2.5}	VOCs	NH ₃
Power plants	±5.5%	±5.5%	±66.8%	±35.5%	±98.1%	±98.1%	-
Boilers	±5.5%	±35.5%	±66.8%	±35.5%	±98.1%	±98.1%	-
Other fuel combustion	±50.3%	±76.4%	±76.4%	±76.4%	±136.1%	±105.6%	-
Iron & steel process	-	-	±123.1%	±123.1%	±213.5%	-	-
Refinery process	-	-	-	-	-	±96.9%	-
Process of mineral product	-	-	-	±152.0%	±213.5%	-	-
Chemical process	-	-	-	-	-	±152.0%	-
Industrial coating	-	-	-	-	-	±152.0%	-
Vehicle	±50.3%	±50.3%	±50.3%	±76.4%	±76.4%	±50.3%	±136.1%
Road dust	-	-	-	±201.9%	±264.0%	-	-
Domestic paint & printing	-	-	-	-	-	±147.0%	-
Gas evaporation	-	-	-	-	-	±76.4%	-
Livestocks	-	-	-	-	-	-	±105.6%
N fertilizer application	-	-	-	-	-	-	±136.1%
Biomass burning	±152.0%	±152.0%	±152.0%	±182.4%	±213.5%	±152.0%	-