

Supporting Information

New insights into the deactivation mechanism of V_2O_5 - WO_3 / TiO_2 catalyst during selective catalytic reduction of NO with NH_3 : Synergies between arsenic and potassium species

Lin Li ^{a,b}, Lin Chen ^{a,b}, Ming Kong ^{a,b*}, Qingcai Liu ^{a,b}, Shan Ren ^{a,b}

^a Engineering Research Center for Energy and Environment of Chongqing, College of Materials Science and Engineering, Chongqing University, Chongqing 400044, China

^b Chongqing Key Laboratory of Vanadium-Titanium Metallurgy and New Materials, Chongqing University, Chongqing 400044, PR China

a, b) Corresponding Author: Ming Kong (M. Kong), e-mail: ming.kong@cqu.edu.cn*

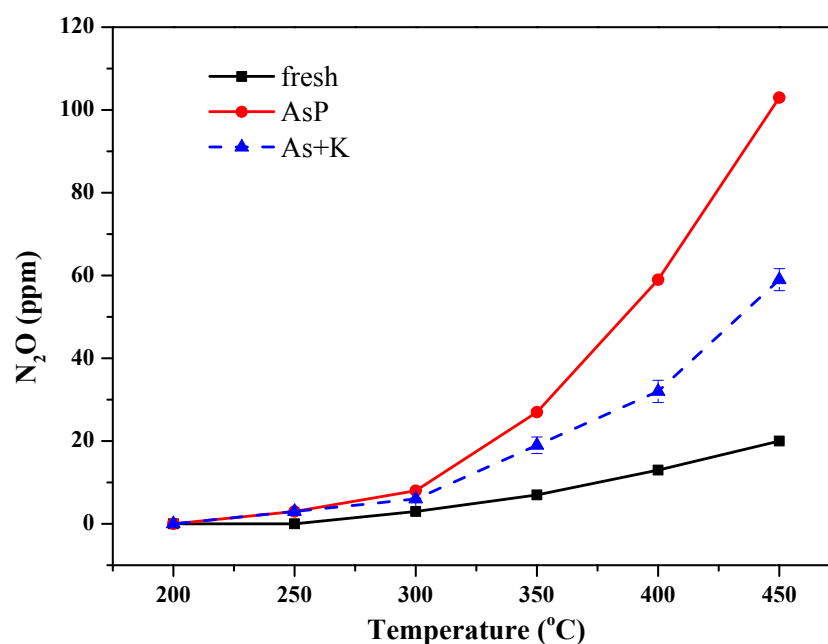


Fig. S1 Concentration of outlet N_2O

Reaction condition: $NO=NH_3=500$ ppm, $O_2=5\%$, total flow rate=500 ml/min, GHSV=12,000 h^{-1} .