

Electronic Supplementary Information

**Phosphorus poisoning and regeneration of Cu-LTA catalyst for the
selective catalytic reduction of NO_x with NH₃**

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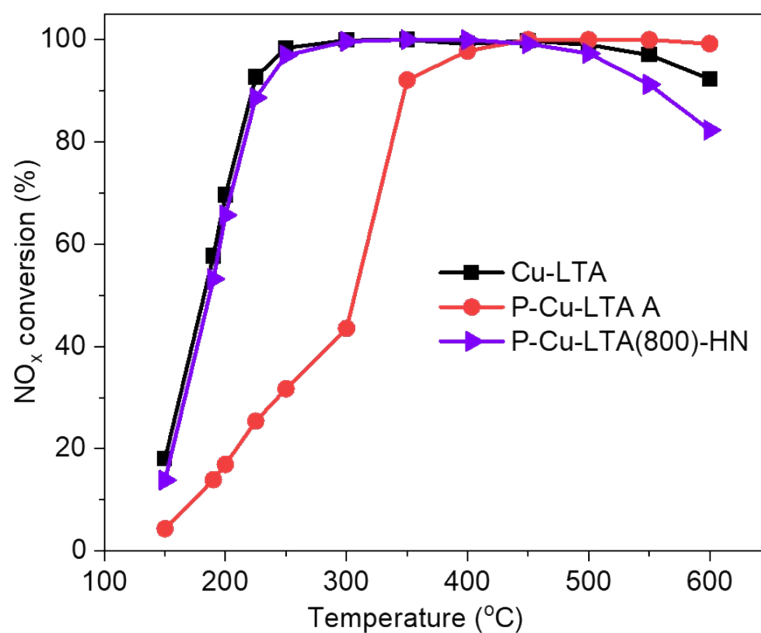


Fig. S1. NO_x conversion of fresh, phosphorus-poisoned, and regenerated Cu-LTA catalysts.

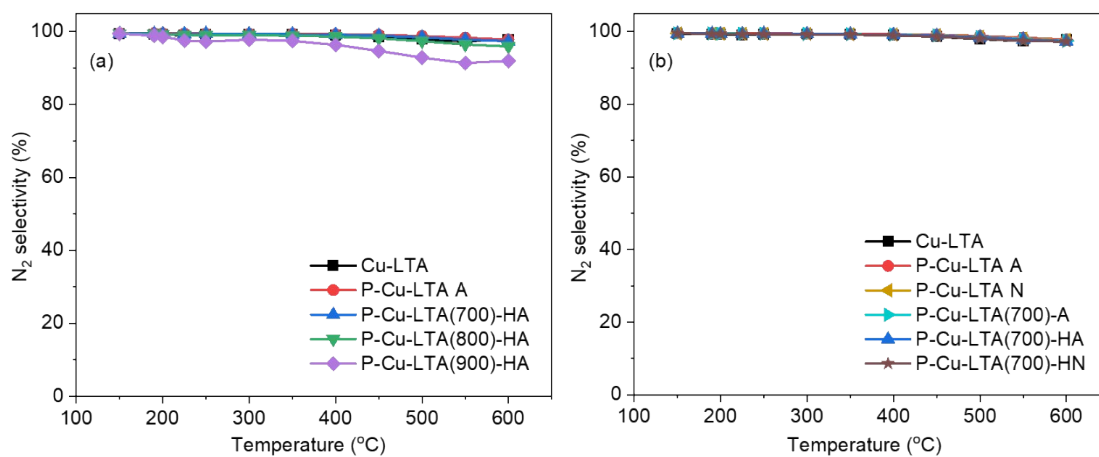


Fig. S2. N₂ selectivity as a function of temperature over (a) fresh, phosphorus-poisoned, and regenerated Cu-LTA catalysts at different hydrothermal temperatures and (b) fresh, phosphorus-poisoned, and regenerated Cu-LTA catalysts under different atmospheres. The feed gas contained 500 ppm NH₃, 500 ppm NO, 5% O₂, 10% H₂O, and N₂ balance, at a GHSV of 100,000 h⁻¹.

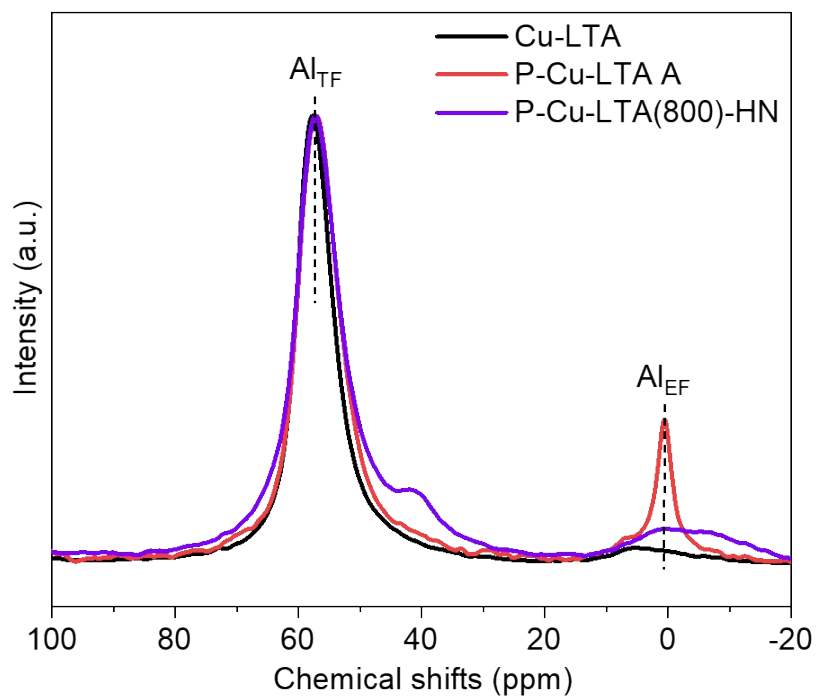


Fig. S3. ^{27}Al solid-state NMR spectra of fresh, phosphorus-poisoned, and regenerated Cu-LTA catalysts.