## NO, NOx and SO<sub>2</sub> removal using Ag(II)/Ag(I) redox mediator: Feed loading effect

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The indirect process offers the advantage of a higher destruction efficiency and low treatment time for the destruction of waste gases. The whole bulk of the solution acts as the reaction space and the indirect conversion can be realized by an Ex-situ cell process. Electrochemical cells are described, which allow the oxidative removal of NOx/SO2 gaseous from industrial waste gas streams through a wet scrubber. The gas stream is fed into a wet scrubber system containing an electrolyte solution which can oxidize the NO2 into HNO3 at a large surface reaction. The experiments were carried out for the optimized parameters like temperature, flow rate of the electrolyte, concentration of NO and SO2.