

عنوان مقاله:

Effect of the Oxygen Concentration in the inlet Air to the new Operating on the Sulfur Components in the TailGas

محل انتشار:

کنفرانس بین المللی مهندسی و علوم کاربردی (سال: 1394)

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نویسندگان:

Samer Asadi - Department of Chemical Engineering, Engineering Faculty, Ferdowsi University of Mashhad, Mashhad
P. O. Box 91775-1111, Iran

Mohammad Taghi Hamed Mosavian - Department of Chemical Engineering, Engineering Faculty, Ferdowsi University
of Mashhad, Mashhad P. O. Box 91775-1111, Iran

Ali Ahmadpour - Department of Chemical Engineering, Engineering Faculty, Ferdowsi University of Mashhad, Mashhad
.P. O. Box 91775-1111, Iran

خلاصه مقاله:

Concentrations of the H₂S and COS in the TailGas in response to high concentrations of oxygen in the air oven (for the four oxygen concentrations in the air entering to the new design) have minimum amount of their own. But the SO₂ concentration in the TailGas (At high concentrations of oxygen input into the reaction furnace) is a maximum. Concentration of the CS₂ in the TailGas, in the oxygen concentration equal to 21% molar is lower with than other concentrations. Concentrations of the S₂, S₃, S₄, S₅, S₆, S₇ and S₈, in the concentration of oxygen in the air inlet to the reaction furnace above 70 mole%, were minimal

کلمات کلیدی:

Sulfur Recovery Units, H₂S Concentration, SO₂ Concentration, Sulfur Components, TailGas

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