Controlling refinery SO₂ emissions

As refineries around the world are facing stricter emission limits, new technologies are being developed to reduce sulfur dioxide (SO₂) emissions. These technologies include scrubbing systems and desulfurization processes. One such technology is the wet scrubbing process, which removes pollutants from flue gas by wet scrubbers. These scrubbers are designed to handle large volumes of gas and ensure effective scrubbing. The scrubbing process involves the use of water and chemicals to capture SO₂ and other pollutants. The captured SO₂ is then processed to produce sulfuric acid, which can be used as a byproduct. This technology is being implemented in many refineries worldwide to comply with stringent emission standards. The wet scrubbing process is efficient and cost-effective, making it a popular choice for refineries looking to reduce their environmental impact.