

## عنوان مقاله:

An Overview To Development Of Steam Reforming Catalyst for Syngas Production By Sarv Oil & Gas Industries Development Co

## محل انتشار:

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## خلاصه مقاله:

Steam reforming reactions have been so far the main route for the production of synthesis gas and will play a key role in the future hydrogen economy. In recent years, steam reforming plants have been operating quite profitably world wide and rapid growth in H<sub>2</sub> production is expected to continue as a result of the growth of its consumption in car industry. Nickel catalysts are employed as the most conventional catalysts in this process. The demand capacity of the steam reforming catalyst for oil and petrochemical industries is estimated to be about 200 MT/year in Iran, which is expected to be increased in the future. In recent years, Iran has been under trade and investment sanctions which are put to action in case by case basis. So, the local production of this strategic catalyst is of great importance for the oil, petrochemical and even steel industries. Based on these reasons, Sarv Oil & Gas Industries Development Company, the leader in catalyst production in Iran, successfully developed its own technology and produced the steam reforming catalyst in industrial scale. This paper gives a brief overview of production of steam reforming catalyst by Sarv Oil & Gas Industries Development Company.

## کلمات کلیدی:

Steam Reforming, Nickel Catalyst

## لینک ثابت مقاله در پایگاه سیویلیکا:

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