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In the November Tip of the Month (TOTM) we presented a single-stage compressor calculation result of a case study. We compared the rigorous method with the values from the short cut method. University of Nevada, Las Vegas (UNLV) is a public research university in the Las Vegas suburb of Paradise, Nevada. The 332-acre (134 ha) campus is about 1.6 mi (2.6 km) east of the Las Vegas Strip. The university includes the Shadow Lane campus, just east of the University Medical Center of Southern Nevada, which houses the School of Dental Medicine—the only dental school in Nevada. There is a lot you can do. Test your glycol, a complete inspection, pull the coil bundle and fire tube, pit and thickness test, hydro test. Service your fuel train, burner management system, pilot and burner and test all safety's. The heating value (or energy value or calorific value) of a substance, usually a fuel or food (see food energy), is the amount of heat released during the combustion of a specified amount of it. The calorific value is the total energy released as heat when a substance undergoes complete combustion with oxygen under standard conditions. Chemical reaction is typically a hydrocarbon or other we describe a process for capturing CO<sub>2</sub> from the atmosphere in an industrial plant. The design captures ~1 mt-CO<sub>2</sub>/year in a continuous process using an aqueous KOH sorbent coupled to a calcium caustic recovery loop. We describe the design rationale, summarize performance of the major unit operations, and provide a capital cost breakdown developed with an independent consulting engineering firm. Natural Gas Industry in Iran: A Brief History from the Outset to the Islamic Revolution of 1978-79. In this article, after a technical overview of the natural gas industry, its general scope, elements, and definitions, a brief historical background is presented on the use of natural gas (and town gas) in the world and in Iran.

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