
Description: Shale gas is a naturally occurring gas (predominantly methane) found in shale rock. The shale formations act both as reservoir and source rocks for this gas. Natural gas produced from shale is often referred to as ‘unconventional’ and it derives its name from the type of rock type in which it is found. ‘Conventional’ oil and gas refers to hydrocarbons which are found in sandstone or limestone, instead of shale or coal which are termed as unconventional and are the main focus of exploration. However, the techniques used to extract hydrocarbons are essentially the same.

In terms of its chemical makeup, shale gas is characteristically a dry gas primarily composed of methane (at least 90 percent methane), but some formations do produce wet gas. The Antrim and New Albany have typically produced water and gas. Shale is a sedimentary rock that is predominantly made up of combined clay sized particles. Shales are deposited as muds in low energy environments such as deep water basins and tidal flats where the fine grained clay particles fall out of suspension in the quiet waters. During the deposition of these very finegrained sediments, there can also be accumulation of organic matter in the form of algae, plant, and animal derived organic debris.

The very fine sheet like clay mineral grains and laminated layers of sediment result in a rock with permeability that is limited horizontally and extremely limited vertically. This low permeability means that gas trapped in shale cannot move easily within the rock except over geologic expanses of time, that is millions of years.

The shale gas equipment market is broadly classified into market by components and market by geography. The market by components includes compressor and pumps, electrical machinery, heat exchangers, internal combustion engines and measuring and controlling devices. The market by geography includes Americas, Europe, APAC and RoW; country level segmentation is provided for each region.

Shale gas has been slowly replacing conventional natural gas in industrial space mainly in the countries such as U.S. and Canada. However, transportation is expected to be the fastest growing application market for shale gas through 2015 to 2021. Growing demand for alternative fuels such as compressed natural gas (CNG) and auto gas (LPG) is expected to drive the demand for shale gas in transportation industry over the next six years.

In 2015 the North American market accounted for the largest share of global shale gas equipment demand. Within that region, the United States is the largest market and its influence in the industry is expected to continue. China is the leading market in the rest of the world and is anticipated to see huge growth in shale gas production activities over the coming years. This will drive demand for shale gas equipment in the country to the extent that it is projected to surpass the North American shale gas processing equipment market by 2021.

Apart from this, this report also looks into whole value chain, pricing analysis opportunity analysis of this market. This report also covers the major patents and also the constraints and challenges faced by this market. Competitive landscape for each of the product types is highlighted and market players are profiled with attributes of Company Overview, Financial Overview, Business Strategies, Product Portfolio and Recent Developments. The report contains the most detailed and in-depth segmentation of the shale gas equipment market.

The major players in the shale gas equipment market are: Cameron (U.S.) Exterran (U.S.) GasTech Engineering Corporation (U.S.) Honeywell UOP (U.S.), Johnson Controls (U.S.) Linde Engineering (Germany) Membrane Technology & Research (U.S.)
9.3. BASF Corporation
9.4. Bloom Engineering
9.5. Caiman Energy
9.6. Callidus Technologies
9.7. Doosan
9.8. Dover Corporation
9.9. Encana Corporation
9.10. General Electric Oil & Gas
9.11. Hitachi Ltd.
9.12. Honeywell International
9.13. Toshiba
9.14. UOP Honeywell
9.15. Van Gas Systems
9.16. Weatherford International Ltd.
9.17. Porocel
9.18. Royal Dutch Shell plc.
9.19. Schlumberger Limited
9.20. Siemens

*More than 40 Companies are profiled in this Research Report, Complete List available on Request*

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