

## Mangalore Refinery and Petrochemicals Limited receives patent for process distillation

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The Mangalore Refinery and Petrochemicals Limited (MRPL NSE -2.92 %) has been awarded a patent on process distillation of petroleum fractions by making use of fuel gas-hydrocarbon vapours instead of steam.

The certificate was awarded on October 1 by the patent office of the Central government, a press release from the MRPL here said.

The invention has potential to reduce water consumption and sour water generation in product stripping and fractionation operations.

This was achieved through in-house research conducted by the research and development wing of MRPL. The innovation offers an avenue to reduce water requirement, reduction in steam system size for a refinery and achieving energy efficiency at the same time.

As the invention had economic benefits, MRPL had applied for its patent in August 2018.

Read more at:

[https://economictimes.indiatimes.com/industry/energy/oil-gas/mangalore-refinery-and-petrochemicals-limited-receives-patent-for-process-distillation/articleshow/78552878.cms?utm\\_source=contentofinterest&utm\\_medium=text&utm\\_campaign=cppst](https://economictimes.indiatimes.com/industry/energy/oil-gas/mangalore-refinery-and-petrochemicals-limited-receives-patent-for-process-distillation/articleshow/78552878.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst)