CASE STUDY

PROJECT	**LNG Plant MDEA Removal**
PRODUCT	**Ozofractionative Catalysed Reagent Addition (OCRA®)**
INDUSTRY	**Oil & Gas**
LOCATION	**Asia Pacific**

PROBLEM

The Client was seeking an urgent solution to remove MDEA (Methyl diethanolamine) from pond water at their LNG plant, and seeking innovative approaches, contacted **Evocra**.

MDEA is used as a solvent in removing CO_2 in LNG production.

SOLUTION

An initial series of trials were conducted at **Evocra**'s research facility to investigate the effectiveness of **Evocra**'s patented Ozofractionative Catalysed Reagent Addition (OCRA®) technology in removing MDEA, across a range of treatment times.

RESULTS & BENEFITS

The OCRA® trials indicated that removal of MDEA at all treatment times was more than 99%, from an average starting point of 253mg/L in the raw water to as little as <0.001 mg/L (less than the instrument detection limits).

Due to time pressures, for a full-scale solution the Client ultimately chose a different method of removing the MDEA.

Laboratory Trial Fractionator

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