

## Hydrogen Deoxo Reactor

<b>Customer</b>	Shanxi Yanchang Petroleum (Group) Co., Ltd (China)
<b>Manufacturing date</b>	November 2012
<b>Pressure Vessel Category</b>	II
<b>Operating temperature</b>	20~40 °C
<b>Operating pressure</b>	3.8 MPa
<b>Process/duty</b>	O2 removal from 126 kg/h of H2 feed stream to < 0.5 ppmv O2
<b>Medium</b>	Hydrogen
<b>Reactor dimension</b>	Φ219 mm, length 3'400 mm
<b>Catalyst</b>	BASF Deoxo DS3 with 0.3% Pd
<b>Catalyst Supplier</b>	Research Catalysts, Inc. USA
<b>Design/process simulation</b>	Raschka Engineering in cooperation with Research Catalysts, Inc.

