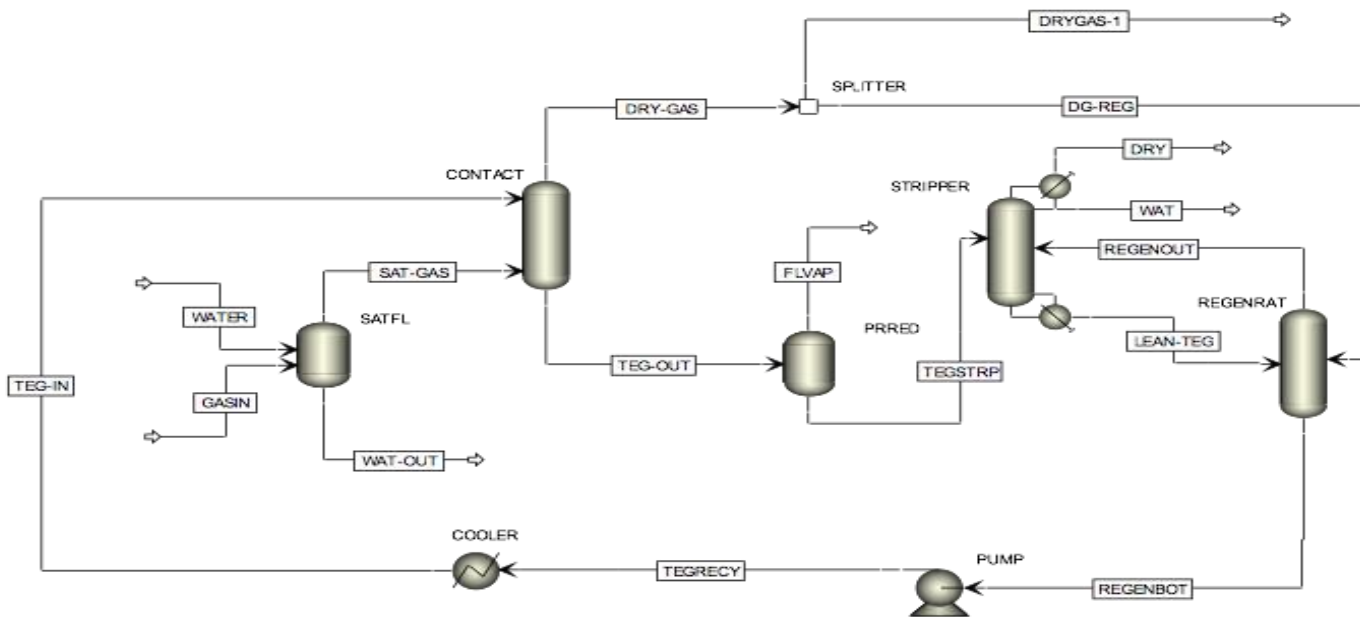


**Description -**  
**TEG Contactor for Moisture Removal**  
**Process Flow Diagram**



**Process Description**

Saturated gas is fed to the first column. In this column, lean TEG using packed bed counter current operation removes moisture up to 10 ppm of moisture in dry gas. The column works as an absorber. In this column, structured packing is used for efficient moisture removal. The TEG, is called as rich TEG, after absorbing the moisture. The rich TEG is regenerated using two columns namely, stripper and regenerator. In stripper, moisture is removed from TEG by heating. Usually a reboiler is employed in this column. The moisture in TEG is further removed by recycling small quantity of dry gas generated in contact.

**Operating Conditions**

**TEG Contactor**

<b>Pressure</b>	<b>60 bar (~850 psig)</b>
<b>Gas Inlet Temperature</b>	<b>40 degree celsius</b>
<b>Lean TEG Inlet Temperature</b>	<b>35 degree celsius</b>
<b>Column Internals</b>	<b>Structured Packing 2.5L</b>

### **Stripper and Regenerator**

**Pressure**

**Atmospheric**

**Max Temperature  
polymerizing)**

**200 degree celsius (After which TEG starts**

**Column Internal**

**Pall Rings**

### **Experience**

**Finepac® Structures has supplied a number of TEG dehydration systems with stringent process guarantees. All these packages are performing at different locations, generating excellent results.**