



**Course Content**

Page 2 of 2

- Catalyst Sampling
  - Water/Chloride Balance
  - Feed Contaminants
- REFORMING PROCESS SAFETY  
NAPHTHA HYDROTREATING
- Chemistry and Catalysts
  - Process Flow
  - Process Variables
  - Process Safety

**Instructor:**

Brad Palmer has 32 years' experience in the oil and gas industry and has held engineering and leadership roles in both technical and operations. He started in oil and gas production but soon transferred to refining where he spent the rest of his career, working for Chevron, Conoco, ConocoPhillips and Phillips 66. For the first 9 years he held process engineering roles for Chevron in environment, hydrotreating, blending and shipping, crude units, cokers, utilities, FCCs, planning and economics and operations coordination. Joining Conoco as a lead engineering in their central technology group, Brad worked across technologies then settled into a technical leadership role in Reforming and Isomerization for 17 years. He spent his last 5 years as a Process Engineering Superintendent in the Alliance refinery leading both project and process engineering teams.

Working in both technology development and operations organizations for ConocoPhillips and Phillips66, Brad's career was focused on process training, troubleshooting, unit monitoring and optimization, best practice development, reliability improvement, process safety standards, project development, turnaround support, catalyst testing, and technology development.

Brad has been working as a Becht Engineering Process Technology Advisor for over one year. He holds 8 patents.