

Association of Consulting Chemists & Chemical Engineers, Inc.

Founded: 1928 ▪ **Incorporated: New York**



514 Corrigan Way, Cary, NC 27519

Telephone NC 908-500-9333 ▪ Telephone NJ: 609-448-3834

<https://chemconsult.org>

accce@chemconsult.org

FREE WEBINAR OPEN TO ALL ATTENDEES

MEMBERS AND NON-MEMBERS

Tuesday, September 26, 2023 @ 7:00 to 8:00 PM EDT via ZOOM

<https://us02web.zoom.us/j/81025558736>

Join Zoom Meeting by phone - dial by your location - Meeting ID: 81025558736

+1 312 626 6799 US (Chicago) ▪ +1 646 558 8656 US (New York) ▪ +1 669 900 9128 US (San Jose)
Or else, find your local number: <https://us02web.zoom.us/j/81025558736> [OR, use ZOOM app to log-in]

CONTAMINATES IN PETROLEUM PROCESSING

The Association of Consulting Chemists and Chemical Engineers [ACC&CE] invites you to a webinar and interactive presentation by Dennis O'Rear, Ph.D.

Abstract

Today's topic for Dr. O'Rear will be an overview of various topics on mercury in the petroleum industry. Each topic could be converted into a separate presentation, but he will present an overview of all issues. The information presented is based on open literature references.

- The nature of mercury in crude
- Geochemical origin of mercury-containing crude
- Mercury in gas processing plants
- Mercury in refinery distillation
- Decommissioning of mercury-impacted steel
- Mercury in wastewater

Biography

Dennis O'Rear has 40 years of experience in research for the oil industry, mostly with Chevron. He received his Ph.D. at Stanford working for Professor Boudart. At Chevron he was leader of a catalyst research group that developed new processes, some of which have been commercialized. He also worked on managing mercury throughout the petroleum value chain. He is the inventor of over 130 US patents and has acted as a consulting and testifying witness in patent prosecution. He currently consults in the areas of catalysis and management of mercury in petroleum operations.

#

Nearly 100 years ago, ACC&CE was founded by a group of distinguished chemists who felt an acute need for an association that would advance the practice of consulting chemists and chemical engineers, and which would include consultants who would conform to the highest principles of professional conduct. We continue to this day as the only organization of its kind and consistently attract qualified technical consultants of all kinds who assist their clients in creating and using chemical and engineering knowledge and technology - see www.chemconsult.org

Members of the Association are qualified chemists, chemical engineers, or other technical specialists presently engaged in consulting practice in fields closely allied to chemistry and chemical technology, and for whom consulting is their principal income-earning activity. Application to membership is open to anyone.

Applications are reviewed by a governing Council, which considers the applicant's background, credentials, and references and then votes on admission to membership. Council may revoke membership when the Association's high standards are not maintained.

Membership in the Association brings benefits beyond referrals of client inquiries. New members, or members challenged by a new kind of assignment, receive help and guidance from fellow members acting as colleagues. Periodic virtual meetings bring members together and offer additional opportunities for members and guests to learn from and advise one another. From time to time the Association organizes seminars and workshops of interest to the membership and guests.