



中国分部过程安全培训

THE 8th CCPS-CHINA SECTION PROCESS SAFETY TRAINING



第八届 CCPS 中国分部过程安全培训

THE 8th CCPS-CHINA SECTION PROCESS SAFETY TRAINING

主 题 Theme

机械完整性 及 变更管理

MI & MOC

宗 旨 Objective

课程以 CCPS《机械完整性系统指导方针》一书为基础，帮助学员理解机械完整性体系 (MI system)；另外，让学员了解什么是 MOC，什么时候需要使用 MOC，如何执行 MOC 等。

The course is designed to provide the student with an understanding of the Mechanical Integrity system, based on CCPS book Guidelines for Mechanical Integrity Systems. The course also tells people what is a MOC and when is one required? How to implement a MOC process?

时间与地点 Date and Venue

注册时间/Registration: 2012.7.23

培训时间/Training: 2012.7.24~2012.7.27

培训地点: 上海金山宾馆

Address: Jinshan Hotel, Shanghai, China

主办单位: Organizer

美国化工过程安全中心中国分部 (CCPS-CS)



联合主办: Joint Organizer

上海赛科石油化工有限公司 (SECCO)

Shanghai Secco Petrochemical Co., Ltd.



合作组织: Organized by

美国化学工程师协会化工过程安全中心 (AIChE-CCPS)



中国石油大学 (华东) 环境与安全技术中心(CUP-ESTC)



• CCPS-CS 简介 About CCPS-CS

CCPS-CS (Center for Chemical Process Safety-China Section), 即美国化工过程安全中心中国分部成立于 2007 年 4 月, 是由美国化学工程师协会化工过程安全中心与中国石油大学 (华东) 环境与安全技术中心合作共同建立的非盈利性组织。

CCPS-CS 的使命是:

- 在中国推广最新的过程安全技术和管理经验
- 担任中国过程安全资料库的首要信息来源
- 推进大学本科工程教育中的过程安全学习
- 推广过程安全使其产生重要的工业价值

CCPS-CS (Center for Chemical Process Safety-China Section), established in April 2007, is organized by Center for Chemical Process Safety of AIChE and the Environment and Safety Technology Center of China University of Petroleum (East China).

The mission of CCPS-CS is to:

- Advancing the state of the art of process safety technology and management practices in China
- Serving as a premier resource for process safety information in China
- Fostering process safety learning in undergraduate engineering education

Promoting process safety as a key industry value

- 上海赛科石油化工有限公司简介 About SECCO

上海赛科石油化工有限公司是由中国石油化工股份有限公司、中国石化上海石油化工股份有限公司和 BP 华东投资有限公司分别按 30%、20%、50%的比例出资组建的，总投资额约 27 亿美元，是目前国内最大的中外合资石化项目之一。上海赛科石油化工有限公司立志在中国国内和国际上创造最好的HSSE业绩、成为最期望与之合作的商业伙伴及最佳的雇主，并力求在业务的各个领域中成为具有持续竞争力的世界级的企业。每一位为赛科工作的人员都有责任创造最佳的HSSE业绩。赛科始终致力于做到：无事故、无人员伤害、无环境损害。

Shanghai SECCO Petrochemical Company Limited was founded by China Petroleum and Chemical Corporation (Sinopec Corp.), Shanghai Petrochemical Company Limited (SPC) and BP East China Investment Company Limited with an investment of about \$ 2.7 billion in a 30%, 20%, 50% proportion. It is by far one of the largest petrochemical projects of joint venture in China. SECCO will become a world best company by achieving a competitive edge in all aspects of our business. We will be recognised as a leader in safety and environment and the company of first choice for our employees and customers. Everyone who works for SECCO is responsible for delivering HSSE performance. SECCO is committed to: No accident, no harm to people, no damage to the environment.

- 美国化学工程师协会-化工过程安全中心简介 About AIChE-CCPS

美国化工过程安全中心 (CCPS) 是美国化学工程师协会 (AIChE) 下属一家非盈利性的

企业联合组织，该中心致力于在化工、制药、石油等领域的过程安全研究与评估。同时，CCPS 带动了制造业、政府部门、咨询业、学术界、保险业等行业对工业过程安全的认识与提高。

CCPS is a not-for-profit, corporate membership organization within AIChE that identifies and addresses process safety needs within the chemical, pharmaceutical, and petroleum industries. CCPS brings together manufacturers, government agencies, consultants, academia and insurers to lead the way in improving process safety in industries

- 中国石油大学（华东）环境与安全技术中心简介 About ESTC

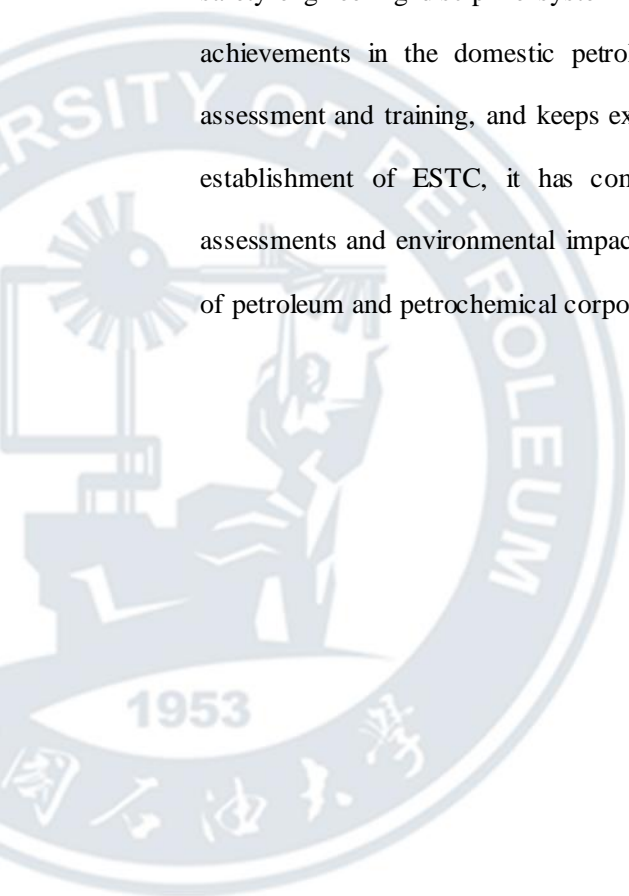
中国石油大学（华东）环境与安全技术中心是中国石油大学（华东）安全和环保科研、教学力量的集中体现，是环境、安全科研与培训的重要基地，国家安全生产监督管理局石油天然气安全生产工程技术研究中心和中国石油天然气集团公司环境工程研究开发中心也挂靠在该中心。中心拥有众多技术骨干力量，专业涵盖环境、安全、化工、石油等众多领域，在石油、石化等行业的安全评价工作中具有明显的专业和学术优势。

该中心具有国家安全生产监督管理局颁发的“安全评价甲级资质”（APJ-(国)-0118-2005）以及“安全生产一级培训资质”，建有完整的安全工程学科体系，硬件设施优越，在国内石油、化工行业安全、环境领域科研、评价、培训等方面有很好的业绩，并与国内外有着广泛的合作和交流。中心自成立以来，已经完成了国内 100 余项大中型化工项目安全评价与环境影响评价，并与国内数十家大中型石油化工企业建立了广泛的业务往来。

The Environment and Safety Technology Center of China University of Petroleum (East China) (CUP-ESTC) leads the safety and environmental research and teaching of the university. The Petroleum & Natural Gas Safety Production Engineering Technology Research Center of State Administration of Work Safety and Environmental Engineering R&D Center of China National Petroleum Corporation are also affiliations of the center. ESTC staff members are specialized in the environmental engineering, safety engineering, chemical engineering, petroleum engineering and so on, and the center has obvious academic and professional

advantages on environmental and risk assessments in petroleum and petrochemical industrial fields.

ESTC possesses the National Safety Assessment Certificate of grade A(APIJ-National-0118-2005) and A-class training Qualification certified by the State Administration of Work safety. ESTC also has a complete safety engineering discipline system and excellent hardware facilities, and the center has made outstanding achievements in the domestic petroleum and chemical industry for safety and environmental research, assessment and training, and keeps extensive cooperation and communication at home and abroad. Since the establishment of ESTC, it has completed more than 100 large and medium domestic chemical risk assessments and environmental impact assessments, and has established firm cooperation with a wide range of petroleum and petrochemical corporations.



历届培训剪影 Picture of Previous Courses



- 2007 年 4 月，CCPS-CS 挂牌成立
- CCPS-CS Unveiling Ceremony in Apr., 2007



- 2007 年 10 月，第二届化工过程安全中心中国分部过程安全培训在中国石油大学青岛校区举行
- The 2nd China Section Chemical Process Safety Training was held in CUP Qingdao campus in Oct., 2007



- 2008 年 10 月，第三届化工过程安全中心中国分部过程安全培训在中国石油大学青岛校区举行
- The 3rd China Section Chemical Process Safety Training was held in CUP Qingdao campus in Oct., 2008



- 2009 年 3 月，第四届化工过程安全中心中国分部过程安全培训在上海举行
- The 4th China Section Chemical Process Safety Training was held in Shanghai in Mar., 2009



- 2009 年 10 月，第五届化工过程安全中心中国分部过程安全培训在中国石油大学青岛校区举行

- The 5th China Section Chemical Process Safety Training was held in CUP Qingdao campus in Oct., 2009



- 2010 年 9 月，第六届化工过程安全中心中国分部过程安全培训在中国石油大学青岛校区举行

- The 6th China Section Chemical Process Safety Training was held in CUP Qingdao campus in Sep., 2010



- 2011 年 7 月，第八届化工过程安全中心中国分部过程安全培训在中国石油大学青岛校区举行

The 8th China Section Chemical Process Safety Training was held in CUP Qingdao campus in July, 2011

专家介绍 Directors

路易莎 A. 娜拉, **Louisa A. Nara, CCEP**

路易莎 A. 娜拉是美国化学工程师协会化工过程安全中心 (CCPS) 的技术主管。她到 CCPS 任职前在拜尔工作了 15 年, 在拜尔, 她依次担任过过程安全和危机管理经理、HSE 主管、拜尔在美最大工厂的安全及应急响应主管; 加入拜尔前在北美自由贸易区任风险管理与规范部主管。路易莎 A. 娜拉还在 Diamond Shamrock 公司、PQ 公司以及私人咨询公司工作过, 积累了过程安全、工程技术和 HSE 相关方面的经验。

路易莎 A. 娜拉在 CCPS 的工作职责包括监督 CCPS 技术投资项目的执行; 开发和加强 CCPS 的教育输出; 开发及实施新的工具; 另外也包括开拓合作赞助等。

路易莎 A. 娜拉在美国西维吉尼亚大学获得化学工程学士学位, 在维拉诺瓦大学获得环境工程硕士学位。她同时还具有 CCEP 头衔。她在化工、石化、制药及食品行业具有 30 年的经验, 并与超过 65 家国内及国际公司有过工作合作。

Louisa Nara is the Technical Director of the Center for Chemical Process Safety (CCPS) for the American Institute of Chemical Engineers (AIChE). Louisa comes to AIChE/CCPS after 15 years with Bayer where she held positions of increasing responsibility including: Manager Process Safety and Crisis Management; Director of HSE, Security and Emergency Response at Bayer's largest US Manufacturing site; and, Director, Risk Management and Compliance, NAFTA. Prior to joining Bayer, Louisa also gained significant experience in process safety, engineering, and HSE with Diamond Shamrock, PQ Corporation, and in private consulting.

Louisa's roles and responsibilities within CCPS include: overseeing the execution of projects in the CCPS technical portfolio; developing and enhancing CCPS's educational offerings; developing and deploying new tools; and, enhancing value for corporate sponsors.

Louisa holds a Bachelor of Science in Chemical Engineering from West Virginia University, a Master of Science in Environmental Engineering from Villanova University and is a Certified Compliance and Ethics Professional (CCEP). She has over 30 years of experience in the chemical, petrochemical, pharmaceutical and food industries and has worked with over 65 companies domestically and internationally.

斯考特 柏格 Scott Berger

斯考特 柏格先生早先曾在 Owens Corning 公司工作五年，之后于 2001 年加入 CCPS，策划了一系列环境、健康、安全（简称 EHS）项目，并担任 EHS 战略管理主管。斯考特先生还在 Rohm & Haas 公司工作了 18 年，负责研发，工程，EHS 项目。他还是美国化学工程师协会物理性质设计研究所（DIPPR）以及能释设计研究所（DIERS）的管理层人员。同时他还拥有马萨诸塞科技学院的学士和硕士学位。斯考特先生曾多次访问中国，对中国的化工安全事业具有独到的见解。

Scott Berger, Director of CCPS, joined CCPS in 2001 after 5 years at Owens Corning, where he held a range of Environment, Health, and Safety (EHS) assignments including Director of EHS Strategic Management. Scott has also worked for Rohm & Haas Company for 18 years, responsible for developing, engineering and EHS project. Scott also has administrative responsibility for the Design Institute for Physical Properties (DIPPR), and the Design Institute for Emergency Relief (DIERS). Scott received a BS and MS from the Massachusetts Institute of Technology.

赵东风 Zhao Dongfeng

赵东风，教授，博士生导师，教育部“新世纪优秀人才支持计划”入选者。现任中国石油大学（华东）环境与安全技术中心主任，CCPS 中国分部主任，国家安全生产监督管理局石油天然气安全生产技术中心副主任，中国石油天然气集团公司环境工程研究开发中心副主任。美国化学工程师协会（AIChE）会员，多年来一直从事安全系统工程和过程安全的科研和教学工作，是中国化工安全界知名专家，尤其对石化、炼化安全事业具有丰富的理论及经验。

Doctor Zhao Dongfeng, professor, doctoral supervisor, "New Century Excellent Talents" selected candidates. He is now Director of the ESTC of CUP, Director of CCPS-CS, Deputy Director of Oil and Gas Technology Center for State Administration of Work Safety, Deputy Director of Environmental Engineering R&D Center for CNPC. He is also a member of the American Institute of Chemical Engineers (AIChE). He has been engaged in safety engineering and process safety research and teaching work for years and is a renowned expert in chemical safety.

刘义 Liu Yi

刘义，博士，中国石油大学（华东）副教授，国家注册安全工程师，美国化学工程师协会化工过程中心中国分部技术委员会委员，毕业于中国科学技术大学火灾科学国家重点实验室，从事石油化工安全科研、教学相关工作。

Doctor Liu Yi, Associate Professor, the state registered safety engineer, member of Technical Steering Committee of CCPS-CS. He received his PhD from the State Key Laboratory of Fire Science in the University of Science and Technology of China. He is now majoring in the research and teaching in the field of chemical process safety.

孟亦飞 Meng Yifei

孟亦飞，博士，国家注册安全工程师，国家级安全评价师，中国石油大学（华东）环境与安全技术中心成员，美国化学工程师协会化工过程中心中国分部技术委员会委员，毕业于南京工业大学，现从事化工过程安全科研、教学相关工作。

Doctor Meng Yifei, the state registered safety engineer & the national level safety evaluator, member of the ESTC of CUP and Technical Steering Committee of CCPS-CS. He received his PhD degree from Nanjing University of Technology. He is now majoring in the research and teaching in the field of chemical process safety.

培训日程安排

时间	主题
2012.7.23 9:00-22:00	会议注册
2012.7.24-2012.7.26	MI & MOC 培训 工厂经验分享
2012.7.27	赛科工厂参观

注：具体日程如有变动以当日安排为准

Training Agenda

Time	Topic
2012.7.23 9:00-22:00	Check in & register
2012.7.24-2012.7.26	MI & MOC training Advanced experience communication
2012.7.27	Site tour of Shanghai SECCO

Note: The specific schedule is subject to the change by the day arrangements.

联系我们 Contact us

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