

CCPS ACTIVE PROJECT LIST

Project Statistics	Project Scope	Project Status	Date Project Updated & Status
<p>18. Process Equipment Reliability Database (PERD)</p> <p>Chair: Open</p> <p>Staff: Dave Belonger</p> <p>Contractor: Zynergy Consulting, LLC</p> <p><u>Standing Committee</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>To develop and operate a pilot database of operating company reliability data to aid in process safety and maintenance evaluations. Once pilot database is proven, expand to a full database of maintenance and reliability data for equipment in the CPI and HPI.</p>	<p>2011 will bring full operation of a production quality database, initially with relief valves and then expanding to instrument loops to help support “proven in use” for safety instrumented functions and systems. Production quality software should be available by end of quarter 1, 2012 that will fully support the desired work process for relief valves. Upon successful startup, work will proceed to implement additional equipment taxonomies within the software. Future plans include a concept book titled, CCPS Guideline for Proven in Use Data (The Gold Standard), as well as expansion of the taxonomies and supporting software.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: On-time</p> <p>What percentage completed?</p> <p style="text-align: center;">On-going</p>
<p>72. Safety and Chemical Engineering Education (SACHE)</p> <p>Chair: Wendy Smades, Dow Chemical Company</p> <p>Staff: Laura Turci</p> <p>Contractor: N/A</p> <p><u>Standing Committee</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>SACHE is a standing CCPS subcommittee responsible for: Evaluating requests for CCPS to participate in other organizations’ events or projects, identifying how CCPS would participate, and recruiting volunteers or identifying staff to support these activities.</p>	<p>1- The China University of Petroleum has translated some of the SACHE Modules as part of a partnership to translate SACHE into Chinese. 2 - There is a proposal for the UTN from Argentina to translate the modules into Spanish. 3- SACHE provided a short course for professors at the AIChE Annual Meeting in Minneapolis, MN, and is working to support the universities as new ABET requirements will take place in 2012 regarding process safety for undergraduates. 4- SACHE is part of the AIChE Scale-up program and as such, every US and Canadian Chem E program has free access to ASChE. Scale-up Sponsors are committed to promote process safety to students.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: On-going</p> <p>What percentage completed?</p> <p style="text-align: center;">On-going</p>
<p>112. Process Safety Incident Database (PSID)</p> <p>Chair: Vacant</p> <p>Staff: Adrian Sepeda</p> <p>Contractor: N/A</p> <p><u>Standing Committee</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>To operate an easily accessible secure database for sharing incident information among members with a focus on the lessons learned from the incident.</p>	<p>The new secure web-based database with more than 750 categorized and searchable incidents is fully operational, with participants from petroleum, chemical and pharmaceutical companies worldwide. It has been reprogrammed in a modern language with a few enhancements. The new program was tested in 2011. It is more modern and powerful than before. Possibly make more public incidents available to students. Training sessions continue as requested by both member and non-member companies. New Members on board.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: On-line</p> <p>What percentage completed?</p> <p style="text-align: center;">99%</p>

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<p>152. Process Safety Messages for Manufacturing Personnel (Process Safety Beacon)</p> <p>Chair: George King, Huntsman</p> <p>Staff: Dennis Hendershot, John Herber</p> <p>Contractor: N/A</p> <p><u>Standing Committee</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>Provide timely and informative process safety messages directly to manufacturing personnel to improve process safety awareness.</p>	<p>Over 721,000 participants are on the e-mail distribution list. THERE IS A NEED FOR A HINDI TRANSLATOR. Upcoming issues - the future home of the Beacon archive will need to be determined when the material from SACHE is moved from the University of Arkansas website to the AIChE website. Some preparation is required before this happens. The Advisory Board approved the preparation of a "Beacon Book" which will be a hardcover book with Becons and facing discussion pages. VOLUNTEERS ARE NEEDED TO WRITE THE DISCUSSIONS.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: On-time</p> <p>What percentage completed?</p> <p style="text-align: center;">On-going</p>
<p>191. GL for Pressure Relief & Effluent Handling, 2nd ed.</p> <p>Chair: Bob D'Alessandro</p> <p>Staff: John Davenport</p> <p>Contractor: DIERS volunteers</p> <p>Completion Date: <u>Extended to Q3/2012</u></p> <p style="background-color: #d9e1f2;">Taking New Members: No</p>	<p>Update this book in order to update content, correct errata, improve readability, and, if possible to correct software compatibility issues with current and future MS Windows versions</p>	<p>Resolving peer review comments and waiting for regulatory decisions before finalizing information.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: Late - Action Needed</p> <p>What percentage completed?</p> <p style="text-align: center;">98%</p>
<p>196. Independent Protection Layers and Initiating Events</p> <p>Chair: Wayne Chastain, Eastman Chemical</p> <p>Staff: John Murphy</p> <p>Contractor: Process Improvement institute</p> <p>Completion date: October, 2012</p> <p style="background-color: #d9e1f2;">Taking New Members: NO FINALIZING PEER REVIEWS</p>	<p>The publication will provide process automation engineers, process engineers, facility operators, and safety professionals with the appropriate treatment and requirements applicable to equipment design, administrative procedures, or other "credits" that are treated as an independent protection layer and initiating event from a Layer of Protection Analysis (LOPA) perspective.</p>	<p>Resolving peer review comments.</p>	<p>Date: April 4, 2012</p> <p>Status: Late - Action Needed</p> <p>What percentage completed?</p> <p style="text-align: center;">98%</p>

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Project Statistics	Project Scope	Project Status	Date Project Updated & Status
<p>200. External Affairs Committee—Standing Committee</p> <p>Chair: N/A</p> <p>Staff: Scott Berger</p> <p>Contractor: N/A</p> <p><u>Standing Committee</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>Create a standing CCPS subcommittee responsible for: Evaluating requests for CCPS to participate in other organizations' events or projects, identifying how CCPS would participate, and recruiting volunteers or identifying staff to support these activities</p> <ul style="list-style-type: none"> •Drafting or approving CCPS messages, e.g. technical requests from regulatory agencies, press requests •Proactively seeking other organizations that can help CCPS carry out its mission 	<p>Subcommittee meets every other month</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: On-going</p> <p><i>What percentage completed?</i></p> <p style="text-align: center;">ON - GOING</p>
<p>210. Benchmarking Process Safety Management Systems</p> <p>Chair: Jim Muoio</p> <p>Staff: Jack McCavit</p> <p>Contractor: Phillip Townsend Associates</p> <p><u>Standing Committee</u></p> <p style="background-color: #d9e1f2;">Taking New Members: Committee work is complete. Benchmarking being conducted by PTAI.</p>	<p>Formal, systematic benchmarking program to allow participants to know the relative standing of their process safety programs.</p>	<p>First round of benchmarking is complete and an additional round of benchmarking is ongoing. Those interested in Benchmarking should contact PTAI at kodonnell@ptai.com or Jack McCavit at jlmconsulting@sbcglobal.net.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: Ongoing</p> <p><i>What percentage completed?</i></p> <p style="text-align: center;">Ongoing</p>
<p>211. Executive Process Safety Seminars</p> <p>Co-chairs: Linda Hicks, Vertellus, and Dave Cummings, DuPont</p> <p>Staff: Bob G. Perry</p> <p>Contractor: IoMosaic</p> <p>Completion Date: <u>Mid - 2012</u></p> <p style="background-color: #d9e1f2;">Taking New Members: NO</p>	<p>Seminar targeted at improving awareness of process safety amongst industry executives while educating them on their role. Companion project to 2008 project targeted at Culture.</p>	<p>There are three parts to the project : A, B and C. Part B is complete, Parts A and C have been sent to Don Hirsch for editing. The final draft of the video is has been completed and reviews are in process. Additional work is needed to streamline the material. A Power Point presentation have been developed to support the presenters. Discussions are ongoing as to how to close this project in a quick and effective manner. Committee review materials in Houston. Three segments will be combined into two segments and will start with the "bad things that happened". Then "what do you do about it". This will shorten the length of the video and improve the presentation.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: Late - action needed</p> <p><i>What percentage completed?</i></p> <p style="text-align: center;">90%</p>

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<p>212. (Guidelines for) Likelihood of Ignition</p> <p>Chair: Bob Stack, Dow Chemical</p> <p>Staff: Adrian Sepeda</p> <p>Contractor: Baker Risk</p> <p>Completion Date: <u>August 2012</u></p> <p style="background-color: #d9e1f2;">Taking New Members: PEER REVIEWER HAVE BEEN ID'D.</p>	<p>Define a set of approaches for calculating the likelihood of ignition for selected categories of scenarios, and publish a Guidelines or Concept series book of instructions and tools (including a CD of calculation methodologies and structure for input data) to do so. Ideally, three categories of resources needed and matching precision of calculations will be developed (e.g. low, medium, and high degree of precision and accompanying required effort).</p>	<p>Format being reviewed by Scott. S/C members to review final copy. The book is in the final stages of review and almost ready to be sent to Wiley for publication. Book is very near completion - 3rd draft being reviewed. Peer review for the book and tool are ready to begin.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: Late-in control</p> <p>What percentage completed?</p> <p style="text-align: center;">90%</p>
<p>219. Process Safety Moments Presentations</p> <p>Chair: TBD</p> <p>Staff: Dennis Hendershot, John Herber</p> <p>Contractor: N/A</p> <p><u>Standing Committee</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>Create a library of short (1 to 4 slide) PowerPoint files. This will allow for easy sharing and presentation. Other media such as video clips (embedded in PowerPoint presentations) or podcasts would be considered. Another potential idea is to have TSC members record the moments to provide a personalized, reality feel. The material topic and/or intended audience would influence the media selection: i.e. PowerPoint (printouts) for a toolbox meeting v. podcasts for a business leader focused Process Safety Moment.</p>	<p>We are looking at creating one Process Safety Mopment per quarter in 2012. These will be designed as expanded versions of the most popular Beacons. WE ARE LOOKING FOR VOLUNTEERS THAT ARE WILLING TO CREATE THE SLIDES. PLEASE CONTACT DENNIS HENDERSHOT AT dennis.hendershot@gmail.com</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: Late - Action Needed</p> <p>What percentage completed?</p> <p style="text-align: center;">Ongoing</p>
<p>224. Hazard Identification for Operators and Maintenance: A CCPS Training DVD</p> <p>Chair: Murray Calbeck - Husky Energy</p> <p>Staff: Brian D. Kelly, P. Eng.</p> <p>Completion Date: <u>TBD</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>Frequently, front line personnel are not made aware of the full extent of process safety hazards present in their work environments. This project will determine an optimal format for visual training, and produce that DVD/web training to enhance awareness and identification of process safety hazards by front line personnel. This training would be based on the CCPS book A Practical Approach to Hazard Identification.</p>	<p>Multiple modules have been developed. The focus on e-learning course or video because it's less expensive. RFPs have been sent to multiple e-learning vendors and proposals will be reviewed shortly.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: On-time</p> <p>What percentage completed?</p> <p style="text-align: center;">80%</p>

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<p>225. Process Safety Management for Front Line Supervisors</p> <p>Chair: Jerry Forest Staff: Don Abrahamson</p> <p>Completion Date: <u>TBD</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>While "Top-down" emphasis of PSM & other safety programs is necessary, the daily "enforcement" is at the worker and supervisor levels. This project will increase the understanding and buy-in for PSM at the first-line supervisory level through better understanding of PSM, its benefits and the interactions of the various elements.</p>	<p>Two groups working: 1 - what elements should be focused on for front line supervisors, and 2 - roles of responsibility for front line supervisors (operations & maintenance). Next step is to determine venue for education. The group is working with AICHE E-learning program and Project 224 to ensure consistency.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed: Status: on time</p> <p>What percentage completed? 30%</p>
<p>227. Guidelines for Organization Change Management for Process Safety</p> <p>Chair: John Wincek, Croda Staff: Dave Belonger</p> <p>Completion Date: <u>August 2012</u></p> <p style="background-color: yellow;">Taking New Members: NO</p>	<p>Many companies continue to struggle with effective implementation of Management of Organizational Change. This project will address these issues and help companies bring their MOOC systems to the same degree of maturity as other process safety management systems.</p>	<p>Committee met in Houston, April 1, 2012 to review Peer Review Comments. These will be incorporated into the materials over the next few weeks and a revised version will be sent to the committee to review. Completed most of the peer review comments and have incorporated or resolved. ONce this is compelte, the contractor portion of this will be done and can go to Wiley.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed: Status: On Time</p> <p>What percentage completed? 80%</p>
<p>229. Conditional Modifier and Enabling Events</p> <p>Chair: Wayne Chastain, Eastman, Co chair Stan Urbanik Staff: John Murphy Contractor: Unwin</p> <p>Completion Date: October 2012</p> <p style="background-color: yellow;">Taking New Members: YES - PEER REVIEWERS NEEDED</p>	<p>A short publication providing information and considerations on developing and using conditional modifiers and enabling conditions. This will be a companion book to the LOPA Book.</p>	<p>Third draft complete. Review conducted April 6 in Houston. Ready for Peer Review in early May. Need Peer Reviewers.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed: Status: On-Time</p> <p>What percentage completed? 80% complete</p>
<p>231. Process Safety Boot Camp</p> <p>Chair: N/A Staff: Louisa Nara Contractor: N/A</p> <p>Standing Committee</p> <p style="background-color: #d3d3d3;">Taking New Members: N/A</p>	<p>Boot Camp is being expanded into a series of courses that will be focused on the following groups: Students, Professors, Operators / Maintainance Technicians, Managers and Executives. The current course is designed for new (to the area of process safety or to engineering).</p>	<p>Twenty (20) Boot Camps have been conducted throughout the US, in Canada, Brazil and India. An additional twenty (20) have been scheduled throughout 2012 and (15) scheduled for 2013. For more information contact Louisa Nara, Technical Director at CCPS at louna@aiche.org.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed: Status: Ongoing</p> <p>What percentage completed? 10% for new products</p>

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<p>232. GL for Writing Effective Operating and Maintenance Procedures, 2nd Edition</p> <p>Chair: Neil Maxson - Bayer MaterialScience. LLC</p> <p>Staff: Greg Keeports</p> <p>Contractor: TBD</p> <p>Completion Date: <u>Later 2013</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>Preparing a second edition of the Guideline for Writing Effective Operating and Maintenance Procedures. Update knowledge and regulatory requirements over the past decade.</p>	<p>To date, no volunteers have signed up for this project. If there are no volunteers to move the project forward, it should be tabled or canceled until a minimum number of volunteers are available.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p>Status: Late - action needed</p> <p>What percentage completed?</p> <p style="text-align: center;">0%</p>
<p>233. Key Performance Indicators for Risk Based Process Safety</p> <p>Chair: Kenan Stevick, the Dow Chemical Company</p> <p>Staff: Dan Sliva</p> <p>Contractor: TBD</p> <p>Completion Date: <u>2013 - 2014 (depends on output)</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>CCPS is developing recommendations for leading indicators which can serve as key performance indicators for each of the 20 Risk Based Process Safety Elements.</p>	<p>Committee has surveyed a pilot group of companies to determine the most common metrics. This information will be used to evaluate the typical indicators and determine how this can best be communicated to the general membership. Proposal was made at the TSC in Houston. Conference call is scheduled to decide the next step.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p>Status: On Time</p> <p>What percentage completed?</p> <p style="text-align: center;">25%</p>
<p>239. GL For Process Safety Knowledge and Expertise</p> <p>Chair: Jeff Fox</p> <p>Staff: Dave Belonger</p> <p>Contractor: TBD</p> <p>Completion Date: <u>Early 2013</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>Present the framework of process safety knowledge and expertise versus the desired competency level in a "super-matrix" format. This would be targeted at multiple audiences, ranging from front line chemical operators, mechanics and instrument technicians through senior management, including financial and business executives. Gaps between existing and desired training levels can then be identified, and potential remedies suggested. Customization for specific company will be permitted.</p>	<p>Team has been working to evaluate information on developing a competency matrix that can be used for this project. Meeting scheduled for April 18, 2012 to move the project forward. Looking for member personnel that have practical experience that can help to shape the end product.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p>Status: Late - in control</p> <p>What percentage completed?</p> <p style="text-align: center;">20%</p>

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<p>240. Guidelines for Implementing Process Safety Management Systems, 2nd edition</p> <p>Chair: Bob Stankovich, Eli Lilly</p> <p>Staff: Dan Sliva</p> <p>Contractor: In Process - ABS selected</p> <p>Completion Date: <u>June 2013</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>An update to the original PSM implementation guideline which recognizes that most companies now have some form of PSM system but a number of companies, especially smaller companies, need a roadmap of how to efficiently and effectively upgrade their systems.</p>	<p>Outlined developed and contractor selected. Work to begin soon on book development. Face-to-face meeting in Houston. Need signed contract to move forward.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p>Status: on time</p> <p>What percentage completed?</p> <p style="text-align: center;">20%</p>
<p>241. Guidelines for Safe Automation, 2nd edition</p> <p>Chair: Wayne Garland, Eastman Chemical Company</p> <p>Staff: Dan Sliva</p> <p>Contractor: SIS-TECH</p> <p>Completion Date: <u>Q4/2013 to Q1/2014</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>An update to the original 1993 guideline, this edition will cover state-of-the-art design and maintenance of Basic Process Control Systems (BPCS) and its role in overall safe operation. It will also focus on the BPCS/operator interface and will have worked examples of control schemes in combination with SIS. RBPS principles will be integrated and a control strategy for cyber attack "security" will also be covered.</p>	<p>March 19 meeting kick-off. Outlined complete and contractor selected. Work on book now underway. Chapters 1 and 2 have been drafted and another call is scheduled for mid-May.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p>Status: on time</p> <p>What percentage completed?</p> <p style="text-align: center;">25%</p>
<p>242. Student Handbook for Process Safety</p> <p>Chair: Jerry Forest</p> <p>Staff: Vincent Van Brunt</p> <p>Contractor: TBD</p> <p>Completion Date: <u>TBD</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>This project will include the development and evaluation of tools for application of process safety principles throughout the standard chemical engineering curriculum in addition to, or as an alternative to, adding a new specific process safety course.</p>	<p>Accepting volunteers and forming the committee. Focus on updating and getting into electronic form so that it can be placed on SharePoint for staff consultants to access. The plan is to use the SACHE Committee as a working group and soliciate assistance form the TSC Members are needed. The concept being discussed is whether or not to creat a single PS Course of if it is more effective to incorporate PS into several Chem Engineering Courses.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="text-align: center;">Status: late - action needed</p> <p>What percentage completed?</p> <p style="text-align: center;">5%</p>

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<p>243. Guidelines for Mechanical Integrity Systems</p> <p>Chair: Eric Freiburger, Praxair</p> <p>Staff: Bob Ormsby</p> <p>Contractor: TBD</p> <p>Completion Date: <u>Late 2013</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>Update to 1st ed. which addresses gaps in guidance, such as selecting materials of construction, condition monitoring, managed systems and MI metrics.</p>	<p>Still accepting volunteers. This was a slow process and delayed the project from moving forward. After critical mass was obtained, the committee worked on an outline and sent out and reviewed RFPs for the project and due to the range of costs, found that a more detailed outline was needed. Tom Folk has been assigned the task to help the group develop the outline so that an update and more specific RFP can be prepared and sent out. Need to have further discussions on potential title charge.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="color: red;">Status: Late - Action Needed</p> <p>What percentage completed?</p> <p style="text-align: center;">15%</p>
<p>244. Process Safety-Vision 2020</p> <p>Chair: TBD</p> <p>Staff: Louisa Nara & Jack McCavit</p> <p>Contractor: TBD</p> <p>Completion Date: <u>late 2012</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>The committee will ask and answer a series of questions which include:What will Great Process Safety look like in the year 2020?; Why is that important?; What changes will affect it?;Can it be articulated so that member companies can know it when they see it?;What can CCPS do to go from a vision of what this will be to a reality? The product is envisioned to be a white paper which will outline answers to the above questions and to provide suggestions on what companies to do to acheive that visions.</p>	<p>Workshops were held in Chicago in 2011 and in Houston in 2012 to collect information. The collected information will be presented at the 2012 Spring TSC meeting and an additional workshop - expanded to cover out new members - will be conducted.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="color: red;">Status: On-time</p> <p>What percentage completed?</p> <p style="text-align: center;">40%</p>
<p>245. Business Case for Process Safety and Sustainability</p> <p>Chair: TBD</p> <p>Staff: TBD</p> <p>Contractor: TBD</p> <p>Completion Date: <u>TBD</u></p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>The original material for the Business Case for Process Safety (available on-line on the CCPS web-site for member companies) will be updated with current examples and will be expanded to include the concept of sustainability.</p>	<p>Accepting volunteers and forming the committee. A new staff consultant will be chosen to complete this project.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="color: red;">Status: Late - Action Needed</p> <p>What percentage completed?</p> <p style="text-align: center;">5%</p>
<p>249. Essential Practices for Developing, Strengthening and Implementing Process Safety Culture</p> <p>Chair: Shakeel Kadri - Air Products and Chemicals Vice</p> <p>Chair: Eric Freiburger - Praxair</p> <p>Staff: Greg Keeports</p> <p>Contractor: TBD</p> <p>Completion Date: <u>Mid 2013</u></p> <p style="background-color: #d9e1f2;">Taking New Members: NO</p>	<p>Develop a Concept Book that will address developing, strenghtening and implementing Process Safety Culture. This book will also provide guidance for various management level to assess and develop a culture improvement plan.</p>	<p>The committee is working to define an outline that is suitable for contrator bidding (RFP) to complete a "concept book". The basis is a life-cylce approach to 1) assess statu of process safety culture , and 2) providing guidance for improvement.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed:</p> <p style="color: red;">Status: Schedule being defined</p> <p>What percentage completed?</p> <p style="text-align: center;">5%</p>

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Project Statistics	Project Scope	Project Status	Date Project Updated & Status
<p>4th CCPS Latin America Conference and Expo July 3-5, 2012 (Rio de Janeiro, Brazil) in Conjunction with Petrobras and IBP</p> <p>Chair: Milton Lacerda</p> <p>Staff: Laura Turci</p> <p style="background-color: yellow;">Taking New Members: Yes</p>	<p>Process Safety Expo in Latin America introducing CCPS and its process safety resources to this audience. The second Latin American Conference is co-hosted by the Argentina Association of Chemical Engineers</p>	<p>Conference theme and details are developed, as well as conference logistics with AAIQ. Conference details has been completed.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed: Status: On-Time</p> <p><i>What percentage completed?</i></p> <p style="text-align: center;">75%</p>
<p>8th Global Congress on Process Safety</p> <p>Chair: Trey Morrison</p> <p>Staff: Laura Turci</p> <p style="background-color: #d9e1f2;">Taking New Members: No</p>		<p>The 8th Global Congress has just been completed with a record number of attendees, multiple tracks and the addition of tracks added in Chinese and Portuguese.</p>	<p>Date: April 4, 2012</p> <p>Status: Choose either: On-time, Late-in control, Late-Action needed: Status: On-Time</p> <p><i>What percentage completed?</i></p> <p style="text-align: center;">100%</p>

NEW PROJECT WILL BE ADDED THIS MONTH FOR 246 - Facility Siting to be lead out of Europe to incorporating addition materials not included in the first edition; 247 - Integrating Management Systems and Metrics to improve Process Safety; 248 - Tools for Acute Risk Decisions; 250 - Process Safety in Capital Projects; 251 - PS in Pilot Plants and Laboratories and 252 - Dust Hazards