



TOMMIE ANN BROOME
TRAINING AND SAFETY PROFESSIONAL

CAREER PROFILE

Tommie Ann Broome worked for Chevron Pascagoula Refinery for 23 years as a Process Operator and spent over 10 years of her career in the Training and Development Department for the Refinery. She was member of the original team that implemented the Process Safety Management Program at the Pascagoula Refinery in the early 1990s. Tommie retired in 2003 and accepted a position as instructor and developer for the Process Operations Technology Program (PPT) at Mississippi Gulf Coast Community College. When she accepted the position as instructor, there was no established curriculum for the program. This was also the first PPT program for the state so she sought mentors and began to develop a network to support building a program from ground floor. She became associated with the Gulf Coast Process Technology Alliance (GCPTA) and the Center for the Advancement of Process Technology and took advantage of the existing curriculum that was being used in Louisiana and Texas. Tommie worked with the Mississippi State Research and Curriculum Unit to build the very successful program of today. Tommie is an experienced classroom trainer and Hands-on-Trainer. She was awarded Instructor of the Year in 2008 by the Center for the Advancement of Process Technology. The Process Operation Technology Program was awarded Outstanding Program of the Year 2008 by Mississippi Association of Career and Technical Educators.

PROFESSIONAL EMPLOYMENT

Mississippi Gulf Coast Community College, Gautier, Ms. (July 2003 to Present)
Program Director and Instructor

As lead instructor and director for the Process Operation Technology Program Tommie is responsible for most of the classroom instruction, including the development and delivery of 12 Process Technology courses. She coordinates Industry involvement in curriculum decisions and program growth and the Summer Internships and job opportunities for students. With a total of over 175 students she provides advisement for each one of them. Tommie has served as Writing Specialist and Subject Matter Expert for MS. State Research and Curriculum Unit to develop the state curriculum for Process Operations Technology. She participates in any available opportunity for continuing personal development in Power Generation training, Oil and Gas Exploration and Production training, and Alternative Energy sources. Tommie has developed the online course

material for six of the PPT classes. She teaches both fully online and hybrid classes in the Desire to Learn platform.

Chevron Pascagoula Refinery, Pascagoula Ms. (1999 to July 2003)

Development Department Material Developer/Trainer

As a Material Developer, Tommie was responsible for developing, updating and validation procedures for the Sulfur Complex for PSM/OSHA compliance. She was also in charge of developing, updating and validation operating manuals for Sulfur Complex for PSM/OSHA compliance. Tommie learned to use vendor manuals and drawings to compile operating manuals and procedures for new processes and equipment. She was responsible for the development and delivery of Refresher Training and Process Unit Schools, including Power Point Presentations and Computer Based Training (CBT). Tommie was extensively involved in the implementation of the development and delivery of Behavior-based Safety Training for the refinery.

Chevron Pascagoula Refinery, Pascagoula Ms. (1992 to 1995)

Process Safety Management Representative

Tommie was a member of the original team organizing and starting Process Safety Management for Pascagoula Refinery. Her duties and responsibilities included designing forms to be used for PSSR, MOC and various other processes put into place. She was instrumental in the implementation of Management of Change program for the Refinery. She also facilitated Hazops for existing and new facilities and Incident Investigations as a TapRoot Coach. Tommie trained to become proficient on Apple and PC Computer systems and then trained other operators to use computers. Tommie developed and validated procedures for Sulfur Complex for OSHA/PSM compliance and she was a member of original EOM (Electronic Operating Manual) Team to convert all existing operating manuals to electronic based copies.

Chevron Pascagoula Refinery, Pascagoula Ms. (1981 to 1999)

Operator at Ammonia-Sulfur Plant

Tommie, as an Operator at Ammonia-Sulfur, was fully qualified on all jobs; including Ammonia Plant, Sulfur Recovery Units, Amine DEA Regeneration, Sour Water Concentrator, Waste Water Treater, Sulfur Storage, and Sour Water Storage. Her duties included the operation of 3 Three hundred ton Claus Sulfur Recovery Plants with Beavon-Stretford Tail Gas Plants and the operation of two 100 ton Claus Sulfur Recovery Plants with Thermal Oxidizers, Operation of Sour Water Management system -2 Sour Water Concentrators; 1 Waste Water Treater, Sour Water Storage and Degassing Unit, Operation of 3 H₂S Recovery units using Diethanolamine treaters, Caustic Treating Relief System and Condensate Recovery Systems. Tommie was Shutdown coordinator for numerous maintenance turnarounds in SRU Section. Her duties included the operation of various Refinery equipment - gas turbines, steam turbines, compressors, pumps. As an Operator at Ammonia/Sulfur Recovery Area, Tommie was qualified on all outside jobs and Board/Console Jobs on Honeywell TDC 3000. She also trained new hire and transfer operators on all outside and inside jobs, Board/conssoles.

EDUCATION

Moss Point High School	1966
Moss Point, Mississippi	
Mississippi Gulf Coast Community College	1995
Associate Degree	
Mississippi State Vocational Instructors Program	2006
BS degree in Career and Technical Education	2013 expected
William Carey University of Hattiesburg, Mississippi	
Additional Studies:	
Bismarck State College Power Generation Institute	2004
Faculty Internship for Offshore Oil and Gas Production	2004
Alaska Summer Institute of Oil and Gas Exploration	2005/2006
Bellingham Community College Instrumentation	2009
Madison Area Technical College Alternative Energy	2010
Bellingham Community College Fuel Cell/Alternative Energy	2011

Additional Training Through Chevron Pascagoula Refinery

Incident Investigation Taproot Coach
 Process Hazard Analyses (PHA) Facilitator
 Fire Training – Fire Fighting Unit Fires
 Safety
 Environmental (Hazwoper, Permitting/Labeling)
 First Aid – CPR
 Hot Work Permitting – (Confined Space, Entry)
 Lockout – Tagout
 Psychology of Achievement
 Covey Time Management
 BST - Behavior-based Safety Trainer
 Dialogue Smarts
 Leadership Training - 4 levels
 Managing Differences at Work - Diversity
 Train the Trainer
 Business Writing Skills
 Who Moved My Cheese?
 Covey Seven Habits of Highly Effective People
 Technical Writing Classes by RWD

Professional Affiliations

NAPTA (formerly GCPTA)--North American Process Technology Alliance
 CAPT--Center for the Advancement of Process Technology
 IICTA --Industrial Instrumentation and Control Technology Alliance
 ATEA--American Technical Educators Association
 CEWD--Center for Energy Workforce Development
 Mississippi Energy Workforce Consortium