

Annie Gao (Pei Gao), CSP (Certified Safety Professional)  
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## Summary

Experienced EHS Engineer / Manager currently working in AGS EHS group, Applied Materials. Previously I worked as an EHS manager in Applied Materials China region, and prior to that, I had been an EHS engineer for 6 years at Motorola where I received OJT in MOS 13 in Austin, Texas. In addition, I worked as an EHS engineer in new construction for Motorola MOS 17 in Tianjin, China. My skill sets include developing and implementing EHS programs as well as supporting Facilities / Construction EHS projects. My objective is to obtain an EHS position working in a challenging environment with a highly motivated group.

## Education

Bachelor of Science in Engineering, Chemical Engineering awarded July 1997  
Tianjin University, Tianjin, China

## Work Experience

EHS engineer, AGS, Applied Materials, Austin Dec 2005 – Present

- Overall EHS performance tracking for CPS sites in Austin, Portland, Singapore, Suzhou, Taiwan and refurbish center in Gilbert
- Daily support CPS Austin site as EHS engineer,
  - Corp. EHS program implementation including Hazardous communication, Hazardous waste identification, storage and disposal, Lockout/tagout, Electric safety, Management of change, Risk assessment, Chemical safety, TSCA, Decontamination, etc.
  - EHS training development, delivery and tracking (hazardous communication, environmental awareness, management safety, lockout/tagout, confined space, chemical safety, site-orientation (contractor only) )
  - EHS assessment implementation including IH, Job Hazardous Analysis, PPE, Ergonomic analysis, etc.
  - Incident investigation, incident corrective action/prevention plan development, incidents trend analysis
  - Air emission source identification, evaluation and control implementation
  - Waste stream identification, evaluation and tracking
  - Setup and maintain CPS Chemical management system
  - Setup and maintain CPS Safety inspection system
  - Regulation compliance
  - Setup and maintain CPS EMS (Environmental Management System).

EHS manager, Applied Materials, China Apr 2004 – Apr 2005

- In charge of AMC EHS, Business Continuity Planning, and developing the AMC EHS management system.
- Implement AMAT corp. required EHS programs in AMC (LOTO, Electric safety, HAZC, ERGO, etc.)
- Set up/developed the AMC EHS regional programs including training tracking system; AMC Safety Retrofit compliance system; AMC Safety Champion and ERT program; Customer communication program; and AMC Decontamination implementation program
- Managed AMC Shanghai office fire system compliance upgrade project
- AMC EHS Assessment implementation, including customer FAB assessments, AMC office assessments, Ergo assessments, etc.
- Manage AMC EHS compliance to meet national and local EHS law, regulation
- Reviewed AMC program compliance with local EHS regulation and AMAT EHS requirements
- Supported Applied Materials Refurbishment Center (ARC) and Metron China

- Resolved AMC employee and Customer EHS concerns.

#### EHS Engineer, Motorola

Nov 1997 – Jan 2004

- EHS staff engineer focused on ISO 14001 audit preparation (Nov 1997 – May 1998)
- OJT training at MOS 13 in Austin, Texas, USA (May 1998 – Aug 1999)
  - Machine hookup, guarding, decontamination, and equipment signoff
  - General equipment safety
  - Lockout/Tagout safety
  - Confined space
  - Welding and cutting safety
  - Fall protection
  - Chemical safety and emergency response
  - Contractor safety control
  - PPE
  - Dip tank safety
  - Incident investigation and root cause analysis
- Corporate EHS audit preparation for MOS 17 (Aug 1999 – Jan 2000)
- EHS engineer working on MOS 17 new construction (Jan 2000 – Jun 2002)
  - Field safety
  - Incident investigation and Corrective Action/prevention plan development
  - Tool move in, hookup, and signoff
  - Office safety
  - Contractor safety control
  - Setup emergency response team and response emergency case in Xiqing site
  - Setup MOS 17 safety document system
  - Setup MOS 17 tool database
- EHS engineer working in a production fab (Jun 2002 – Jan 2004)
  - Tool design package review, tool hookup, signoff, relocation, and decontamination
  - General equipment safety
  - ISO14001 and Motorola internal MS audit
  - Hazardous Material Response Team (HMRT), Emergency Response Team (ERT) management, training and emergency response
  - Safety committee and EHS communication
  - Lockout/Tagout
  - Confined space and fall protection

#### **Certification**

- Certified Safety Professional
- Heartsaver first aid program (Adult first aid, environmental Emergencies, Adult/Child AED)
- IATA
- Hazardous Materials Transportation

#### **Awards**

- Several Bravo rewards during MOS17 new construction
- Key personnel of MOS17
- High-tech. talent of TEDA
- Applied Materials employee recognition award