



**GREG PATTERSON**  
**Senior Engineer Specialist**  
**gregpatterson@tdi-bi.com**

**EDUCATION**

Southwest Technical College, Oklahoma City, OK, Associates Degree,  
A.A.S., Electronics, 1985

**PROFESSIONAL EXPERIENCE**

TDI-Brooks International, Inc., College Station, TX, Senior Engineer  
Specialist, September 2007-Present

OI Analytical, College Station, TX, Senior Sustaining Engineering Specialist,  
1998 – 2007

- Increase performance and Reliability with Analytical Instrumentation.
- Diagnose, Correct, and or Re-design Products with existing problems.
- Create Test/Work Instructions to ensure proper testing for ALL OI  
Manufactured Products.

OI Analytical, College Station, TX, Quality Assurance Manager, 1996 – 1998

- Create and Evaluate Test Procedures for Instruments in  
Manufacturing
- Instruct Training Courses for new and existing Instrumentation

OI Analytical, College Station, TX, In-House Repair Service Technician,  
1989-1996

- Diagnose and Repair of Customer Instrumentation which includes;  
Electronic, Mechanical, and Chemistry trouble-shooting and Field  
Repair at escalated sites.

OI Analytical, College Station, TX, Electronic Technician (Manufacturing),  
1986-1989

- Responsible for testing assembled printed circuit boards.
- Responsible for writing test procedures for PCA's

**PROFESSIONAL TRAINING**

- Expert in Auto-Cad Software.
- Expert in Computer Systems.
- Expert on HP-5890/6890 Gas Chromatographs.



- Expert on all OI Analytical Products; Water (Carbon) analyzers, Purge & Trap Concentrators, GC Detectors including; PID, ELCD, XSD. Specific Air Monitoring Systems including; SamI Sam IV (CO, CO<sub>2</sub>, other gases).
- High Voltage Training Certificate at Texas A&M, March 1998.
- Set-up Wet Chemical Laboratory in Singapore for OI distributor, 1999.
- Instructed Total Inorganic/Total Organic Instrumentation Courses for OI Analytical distributors in Australia, China, & Mexico, 2001.
- Experienced in Solidworks 3D Software – Course Certificate at Progression, May 2006.
- Inventor on U.S. Patent #093589 for “Improved Analyte System” Aug. 2006.
- Sea Survival Training, 2008