



## DREAMERS | BELIEVERS | ACHIEVERS



**ATOOL PEMA**  
PROCESS SAFETY SPECIALIST

### INTERVIEW

#### **What qualifications have you obtained?**

National Higher Diploma in Chem Eng (T4) obtained from Wits Technicon in 1989

#### **What is your management style?**

Always a team approach and ability to help people. Team and relations building style.

#### **What do you like most about working for Egoli Gas?**

Dynamic, very challenging and teaching/mentoring a lot

#### **How would you describe the work environment?**

Stressful, rush, very procedural at first, sometimes technical, have to show how to raise the bar to older Egoli Gas staff.

#### **Training and Certificates gained over 25 years of experience thus far.**

- Kepner Tregoe Problem solving
- Pipeline defect assessment (Penspen)
- Explosive Risk assessments
- Layers of Protection Analysis (LOPA) (ABB)
- Internal auditor course (DQS)
- Major Hazardous Installations
- HAZOP
- Incident investigation & RCAT Analysis
- PHA facilitation(ABB)
- Process Safety Management auditing (CAIA and International certification)
- Responsible Care Management (CAIA)
- Fault tree analysis
- Fundamentals of Process Safety Management
- FER (Fire, Explosion, Release) Severity Tool
- Dow FEI and CEI Tools
- Process Safety MHI Tools
- ISO 45001 / ISO9001 implementation and internal auditing (DQS)
- Various other safety training.

#### **What is the most valuable career lesson learnt?**

Apply your skills, never give up, learn to always excel in excellence and innovation.

#### **Leader who has impressed you the most?**

My very first manager when I started working for AECl in 1989 (Gary Humphries) he started showing what chemical engineering was really about and how to manage shift operators and how to talk to staff at different levels, even to a CEO.

#### **Who was / is your mentor in life?**

Everyone around me, I learn life skills from people around me, always.

#### **What is your philosophy on life?**

Always remain humble, positive, and help people, ultimately learn to surrender to God and serve Him.

#### **How do you view the future energy landscape in South Africa?**

Difficult question, 15 years ago I was very focused in assisting small businesses to shape this forefront but now in 2021, I don't see that drive materialising, so not an easy question to answer, I am hoping it changes soon to a greener approach. I for one have started this journey due to the multiple load shedding, have an almost off grid solar / battery system installed at home, have recycling initiatives, I capture rainwater, and soon will install a gas generator.

#### **What is a fun fact about you that people do not know?**

I have a great sense of humor, i do enjoy life. If you don't know how to pronounce my name "Atool box"

*"I have attended many International Process Safety Conferences in the USA. I have also written many International Patents with a team and presented in the South African Chemical Engineering Association."*