

## RESUME

**STUART TURNER – April 2016**

### **PERSONAL DETAILS**

Date of Birth: 1970

Age: 46

### **EDUCATION AND INDUSTRY EXPERIANCE**

January, 1982 – December, 1986

**NORKEM PARK HIGH SCHOOL, RSA**

Diploma: National Senior Certificate (Grade 12)

July, 1987 – December, 1990

**UNIVERSITY OF JOHANNESBURG, RSA, TECHNIKON WITWATERSRAND- SCHOOL OF MINES**

Diploma: Graduated with a National Diploma (ND) in Extraction Metallurgy

June, 1991 – July, 1992

**UNIVERSITY OF JOHANNESBURG, RSA, TECHNIKON WITWATERSRAND - SCHOOL OF MINES**

Diploma: Graduated with a National Higher Diploma (NHD) in Extraction Metallurgy

Thesis with Distinction:

- Metallurgical and Plant Design for the Extraction of a Specific Tungsten and Copper Deposit, including Ore Handling, Comminution, Hydrometallurgical and Pyrometallurgical Processing, Mass and Energy Balance and Distribution.

### **Pre-graduation Experiential Training:**

Total of 2 years.

July – December, 1987 and July – December, 1988

**E.R.P.M. CENTRAL REDUCTION WORKS – RANDGOLD GROUP**

Position: Assistant Plant Metallurgist

Reporting level: Operational Superintendent

Responsibilities and Achievements:

- Process Optimization
- Process Research Studies
- Operational Training
- Labor Law Course for Managers – Internal Training by Rand Mines Group.

## **History of Internships While Attending the University of Johannesburg** (continued):

July – December, 1989

### **T.G.M.E GOLD PLANT – RANDGOLD GROUP**

Position: Assistant Plant Metallurgist

Reporting level: Operational Superintendent

Responsibilities and Achievements:

- Process Optimization.
- Process Research Studies.
- Operational Training.
- Laboratory Technician.

July – December, 1990

### **RIETSPRUIT OPENCAST COLLIERY – RANDCOAL GROUP (Internal Transfer)**

Position: Plant Metallurgist / Acting Senior Metallurgist

Reporting level: Plant Manager

Responsibilities and Achievements:

- Maintenance and optimization of process efficiency for the main coal washing plant (6,500 tpd).
- Management of coal analysis laboratory and personnel.
- Co-ordination of product analysis with Richards Bay export handling facility.
- Process Engineer for new Bulk Coal Handling Facility for Predictive Plant Control (PPC)
- Training of students.

July, 1991 – June, 1992

### **WELGEDACHT COLLIERY – RANDCOAL GROUP (Internal Transfer)**

Position: Plant Metallurgist

Reporting Level: Plant Manager

Responsibilities and Achievements:

- Maintenance and optimization of process performance of three Coal Beneficiation Processing Plants.
- Management of coal analysis laboratory and personnel.
- Process and commissioning engineer for new 150 tph Coal Processing Plant.
- Standby plant EMT for accidents and emergency medical response.
- Advanced EMT Paramedic Training – Internal training by Rand Mines Group.

## **Post-Graduation Industry Experience:**

Total of 23 years to date of this document

July, 1992 – December, 1993

### **RANDCOAL GROUP HEAD OFFICE**

Position: Assistant to Group Consulting Metallurgist

Reporting Level: Group Consulting Metallurgist.

Responsibilities and Achievements:

- Involved with plant optimization projects group wide (6 operations).
- Process design of new beneficiation operations.

January, 1993 – January, 1995

**OUTOKUMPU MINTEC**

Position: Project Engineer (working as an independent contractor)

Reporting Level: Manager of Mineral Processing.

Responsibilities and Achievements:

- Sizing and technical selection of solid / liquid separation equipment.
- Equipment commissioning and troubleshooting.
- Project engineering, installation and commissioning.
- Mine site pilot plant test work.

March, 1995 – February, 2000

**EDWARD L. BATEMAN GROUP – BATEMAN PROCESS EQUIPMENT**

Progressive Work History While Employed with Bateman Process Equipment:

March – May, 1995

Position: Product Engineer – Solid / Liquid Separation

Reporting Level: Sales Manager

Responsibilities and Achievements:

- Sizing and technical selection of solid / liquid separation equipment.
- Technical support to sales engineers.
- Equipment commissioning and troubleshooting.

June – November, 1995

Position: Sales Engineer

Reporting Level: Sales Manager

Responsibilities and Achievements:

- Equipment tender preparation.
- Sales and marketing of solid / liquid separation equipment.
- Technical product presentations.

December, 1995 – November, 1997

Position: Sales Manager-Gold, Cement and Aggregate industries South Africa

Reporting Level: Director, Sales and Marketing

Responsibilities and Achievements:

- Supervision of equipment tender preparation.
- Management of sales and product engineers.
- Sales planning and forecasting for target markets.
- Management of Capital Sales – Advanced Course - MIC Consultant for Bateman Group.
- Commercial Law Advanced Course – Bateman Group legal division.

December, 1997 – July, 1998

Position: Business Development Manager – Sub-Saharan Africa

Reporting Level: Director, Sales and Marketing

Responsibilities and Achievements:

- Growth of export sales.
- Co-ordination and management of satellite branches in surrounding countries.
- Strategic planning.

Progressive Work History While Employed with Bateman Process Equipment (continued):

August, 1998 – February, 2000

Position: International Business Development Manager.

Reporting Level: Managing Director

Responsibilities and Achievements:

- Growth of all export sales.
- Technology standardization and updating of all international branches.
- Sales management and support for branches in USA, Chile, Peru and Australia.
- Group Strategic planning.

March, 2000 – December, 2006

**CONSULMET (PTY) LTD.**

Position: Founder / Managing Director / Owner

Background: Founded Company, a self-funded entrepreneurial business venture.

Responsibilities, Achievements:

- Developed company to size of 20 employees with an average annual net turnover of \$15,000,000+ (2006).
- Designed and developed core technology of new and innovative metallurgical equipment.
- Established and maintained all credit lines with suppliers.
- Accountable as public officer of company.
- General management of personnel.
- Recruitment and training.
- Financial management.
- Strategic partner company acquisitions.
- Contract negotiation with client base.
- Distribution of shareholding.

January, 2007 – Current.

**MECHPROTECH (PTY) LTD.**

Background and Position: Shareholder. Sold interests in Consulmet (Pty) Ltd. and acquired shareholding interests in Mechprotech (Pty) Ltd. Group.

Activities, Responsibilities, Achievements:

- Business development into North American markets.
- Establishment of international joint ventures and company partnerships focusing on the North American market.

December 2007 – Current.

**Resources Mining Technologies**

Background and Position: Co-Founder, Co-Owner, Vice President, Chief Technology Officer – Metallurgical and Process Engineering.

Activities, Responsibilities, Achievements:

- International Business Development
- Capital Project Management.
- Process Selection and Design – Gold Extraction and Metallurgy.
- Engineering Management.
- Patents, Inventions, Engineering Design
- Extractive Metallurgy – Gold, PGM's, Rare Earth and Base Metals.
- Financial Management
- Corporate Officer.

**PROFESSIONAL AFFILIATIONS**

SME (USA) (Professional Member of the Society for Mining, Metallurgy and Exploration)

MSAIMM (Member of the Southern African Institute of Mining and Metallurgy)

MSACPS (Member of the South African Coal Processing Society)

**PATENTS**

Title: Mass Flow Metering Systems

International Patent Issued June 7, 2004

Patent Number: PCT/IB2004/050847

**EXPERIENCE SUMMARY**

Qualifications: BSc (Engineering Management); ND / NHD (Extraction Metallurgy); Advanced Courses in Labor Law for Managers, Management of Capital Sales, Commercial Law.

Experiential Training: 2 years

Industry Experience: 24 years

Total Industry Experience: 26 years