



# Rodolfo Espinosa-Gomez

Principal Consultant  
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*Mineral Processing Metallurgist with 40 years' experience in flowsheet design, operations evaluation and improvement.*

## Expertise

- Plant design, start up and commissioning
- Operations evaluation and improvement
- Plant debottlenecking and optimisation
- Technical review and flowsheet development
- Metallurgical Accounting
- Implementation of the Six Sigma Methodology for Processes Optimisation
- Deep knowledge of the Mexican Mining Industry in gold, silver, lead zinc copper ores
- Worked on copper, gold, iron, lead, silver and zinc.

## Background

Rodolfo has 40 years' experience in the minerals industry in academic, technical and production roles. He is expert in development and optimization of operations in precious metals and complex base metals.

He combines his specialist knowledge of mineral processing and six sigma skills to analyse operations and develop solutions to improve operations.

Rodolfo applies sound mineral processing techniques (mineral characterisation, size by size and liberation, water and surface chemistry), process analysis information, technology and team work to develop solutions.

Rodolfo has mentored young metallurgists by establishing sound standards for circuit evaluation and optimisation, developing their analytical approach, implementing specialist training programs and developing effective working cultures.

## Experience

**Mineralurgy (now Mineralis)**  
 Principal Consultant

**Newcrest Mining Limited**  
 Principal Development Metallurgist

**Peñoles / Fresnillo Plc**  
 Group Metallurgist

**Mount Isa Mines**  
 Technical Superintendent  
 Senior Plant Metallurgist  
 Research Metallurgist

**Polytechnic of Mexico**  
 Lecturer in Mineral Processing

**Comisión de Fomento Minero**  
 Metallurgist Flowsheet Development

## Qualifications

- 1999 **Business Management Program AD2** - IPADE Business School - Mexico
- 1987 **Doctor of Philosophy in Metallurgy** - McGill University - Canada.
- 1982 **Master of Engineering in Metallurgy** - McGill University - Canada
- 1977 **Bachelor of Engineering in Metallurgy** - Instituto Politecnico Nacional - Mexico

## Associations

Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM).  
 Member of the Society of Mining, Metallurgy and Exploration (USA).  
 Member of the Canadian Institute of Mining, Metallurgy and Petroleum.  
 Member of the Mexican Mining Metallurgical and Geological Society