



Rodolfo Espinosa-Gomez

Principal Consultant
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Mineral Processing Metallurgist with over 40 years' experience in flowsheet design, operations evaluation & improvement, and Metal Accounting.

Expertise

- Process development and optimisation of precious metals and complex sulphide ores Operations.
- Metal Accounting: Audits, Corporate standards, Training modules, Systems implementation.
- Plant auditing, debottlenecking and optimisation of gravity, flotation, regrinding, cyanidation, and Merrill Crowe circuits.
- Technical review and flowsheet development.
- Plant design, start up and commissioning
- Worked on copper, gold, iron, lead, silver and zinc.

Background

Rodolfo has over 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, complex base metals, and metal accounting.

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.

In the last ten years, Rodolfo has spent a great part of his time developing metal accounting projects in Australia and overseas operations / Mining Companies.

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

Mineralis Consultants Pty Ltd
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
Mineral Processing Testwork, Pilot Plant,
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 Canadian Institute of Mining, Metallurgy and Petroleum.
Member of the Mexican Mining Metallurgical and Geological Society