



HELBERT ZINANYUCA, P. ENG.

Graduated from the University of San Agustín (Arequipa- 1996) with degree in administration in Catholic University of San Pablo (Arequipa -2007) and Quick MBA in Business School Gerent (Lima – 2014). With holistic leadership skills, teamwork, effective communication, project control according to the Deming cycle.

From 1997-99 he worked as metallurgist for Gold and silver Company (BVN) by 6 months as training, after he worked as hired in Tintaya mines (one year approx.), after he worked as hired for leaching of gold in Ares mines (4 month). From 1999 - 2011 he worked in Tintaya mines (BHP Billiton and Xstrata Copper) as permanent worker developing works of metallurgical research, process control, plant supervisor, and leader of specific projects such as the expansion of plant capacity, the implementation of gravity concentrators for gold, the increase in the grade of concentrate by insoluble reduction and plant automation project. He worked as senior metallurgist in Alumbreira mines in Argentina for 6 month focuses in SAG Mill operation. From 2011 – 17 he worked as Metallurgical Superintendent in Las Bambas Mines (Glencore – and MMG Companies), participating in the community workshops for approval of the EIA, reviewing the detailed engineering study in Santiago- Chile by 2 years in conjunction with the Bechtel company. Designated by the general management as technical leader to justify and receive approval of the construction about the concession of benefit by the MEM. Leader development and implementation of geometallurgical models with the support of international consultants such as D. Barrat, S. Morrel, J. Starkey, M. Morrison, R. Amenluxem, S. Saich, others. He has also participated in the commissioning and start-up (ramp-up) of the Antapaccay and Las Bambas Concentrator Plant. In 2018 worked in Mexico as a Concentrator Plant Manager at Aranzazu Mine of Aura Minerals company, in 2019 he worked as a Commissioning & Ramp-Up Leader in different projects: Minsur, Chinalco, Marcobre, Antamina, Lindero (in Argentina.)

He is an exclusive instructor of InterMet, a leading company in mining training courses. He is chairman of the directive committee of the 1st International Conference of Geometallurgy, to be held in Lima, March 31 and April 1, 2022.



MINING AND INDUSTRIAL EXPERIENCE

- 2020 - 2021 Commissioning Superintendent in Mina Justa Project – Marcobre of Breca Group.
- 2019 Commissioning & Ramp Up leader, Advisory Sudamerica, Hatch Associates S.A, Lima-Peru
- 2018 - 2019 Manager of Concentrator Plant, Aranzazu Mines, 2800 tpd Cu-Au-Ag project, Aura Minerals Company, Zacatecas state in Mexico.
- 2017-2018 General Manager, Contractor, Metal Mecanica group, IBERSA Engineering company, Cuzco – Peru.
- 2011-2017 Metallurgical Superintendent, Las Bambas Mines, 140 Ktpd Cu-Mo project, MMG Company, Apurimac - Peru.
- 2010-2011 Senior Metallurgist (stage), Alumbreira Mines, 110 Ktpd Cu-Au-Mo Project, Xstrata Group, Catamarca - Argentina.
- 2009-2011 Metallurgical Superintendent (acting), Tintaya - Antapaccay Mines, 70 Ktpd Cu Project, Xstrata Company, Cuzco - Peru.
- 2005-2009 Senior Metallurgist, Tintaya Mines, 20 Ktpd Cu – Au Project, BHP Billiton Company, Cuzco - Peru.
- 2003-2005 Supervisor of Plant, Tintaya Mines, 20 Ktpd Cu – Au Project, BHP Billiton Company, Cuzco - Peru.
- 1999-2003 Supervisor of Metallurgy, Tintaya Mines, 20 Ktpd Cu – Au Project, BHP Billiton Company, Cuzco - Peru.
- 1997-1999 Hired as Metallurgist, in Orcopampa Mines, 5 Ktpd Au-Ag Project, BNV Company, Arequipa - Peru. (6 month)
- Hired as Metallurgist, in Tintaya Mines, 15 Ktpd Cu-Au Project, BHP Company, Cuzco - Peru.