HLC INGENIERÍA Y CONSTRUCCIÓN


| ENGINEERING - MINING | |
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| **Cía. Minera Sayaatoc S.A**<br>Proyecto Sayaatoc *(Sayaatoc Project)* | Pre-feasibility study for 15,000 MTPD metallurgical process plant. |
| **Cía. Minera Coimolache S.A.**<br>Proyecto Tantahuatay *(Tantahuatay Project)* | Feasibility study for 12,000 MTPD metallurgical process plant. |
| **Cía. Minera Coimolache S.A**<br>Proyecto Tantahuatay *(Tantahuatay Project)* | Feasibility study for the 54 $m^3$/h pit and dump acid water treatment plant. |
| **Cía. Minera Coimolache S.A**<br>Proyecto Tantahuatay *(Tantahuatay Proj.)* | Feasibility study for ancillary services. |
| **Cía. de Minas Buenaventura S.A.**<br>Proyecto La Zanja *(La Zanja Project)* | Economic evaluation for different operating scenarios - Metallurgical processes. |
| **Minera Cascaminas S.A.C.**<br>Proyecto Cascajal *(Cascajal Project)* | Investment estimate for 25 MTPD and 100 MTPD metallurgical processes – Pilot-scale heap leach and Merrill & Crowe plant. |
| **Sociedad Minera Cambior Perú S.A.**<br>Proyecto La Arena *(La Arena Project)* | Investment and operating costs estimate for 8,000 MTPD y 12,000 MTPD heap leach plants. |
| **San José de Algamarca**.<br>Proyecto Algamarca *(Algamarca Proj.)*<br>Cajabamba, Cajamarca. | Pre-feasibility study for a 10,000 MTPD heap leach operation. |
| **San José de Algamarca**.<br>Proyecto Algamarca *(Algamarca Proj.)*<br>Cajabamba, Cajamarca. | Due Diligence. Review of technical studies and economic evaluation. |
| **Cía. Minera Coimolache S.A.**<br>Proyecto Tantahuatay *(Tantahuatay Project)* | Basic engineering of 12,000 MTPD metallurgical process plant (Heap leach and Merrill & Crowe). |
| **Cía. Minera IRL S.A.**<br>Proyecto Corihuarmi *(Corihuarmi Project)* | Detailed engineering of 2,700 MTPD metallurgical process plant – Heap leach and ADR plant (in the fields of processes, mechanics and piping). |
| **Cía. de Minas Buenaventura S.A.**<br>Proyecto La Zanja *(La Zanja Project)* | Basic engineering for oxide heap leaching and gold recovery in columns with activated carbon. Capacity: 15,000 MTPD. |
| **Cía. de Minas Buenaventura S.A.**<br>Proyecto La Zanja *(La Zanja Project)* | Basic engineering of the pit and dump acid water treatment plant. |
| **Cía. Minera Ares S.A.**<br>Proyecto planta piloto EW *(EW pilot plant Project)* | 2.2 $m^3$/h electrowinning pilot plant for silver recovery. |
| **Minera Cascaminas S.A.C.**<br>Proyecto Cascajal *(Cascajal Project)* | Basic engineering of 200 MTPD metallurgical process plant (Heap leach and Merrill & Crowe). |
| **Cía. Minera Aurífera Santa Rosa S.A.**<br>Proyecto Cochavara *(Cochavara Project)* | Detailed engineering of the 12,000 MTPD metallurgical process plant – Heap leach and ADR plant. |

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| **Cía. Minera Aurífera Santa Rosa S.A.** Proyecto Sacalla *(Sacalla Project)* | Detailed engineering of the 10,000 MTPD metallurgical process plant – Heap leach and ADR plant. |
| **Cía. Minera Aurífera Santa Rosa** Proyecto Santa Rosa *(Santa Rosa Project)* | Detailed engineering of the 6 MT activated carbon pressurized desorption and electrowinning plant. |
| **Cía. Minera San Simón S. A.** Proyecto La Virgen *(La Virgen Project)* | Basic and detailed engineering for an activated carbon leaching and gold recovery plant. Capacity: 4,000 MTPD. |
| **Cía. Minera San Simón S. A.** Proyecto La Virgen *(La Virgen Project)* | Basic and detailed engineering for plant expansion to 30,000 MTPD. |
| **Cía. Minera San Simón** Proyecto La Virgen *(La Virgen Project)* | Detailed engineering for the 6 MT activated carbon pressurized desorption, electrowinning and gas scrubbing plant. |
| **Consorcio Minero Horizonte S.A.** Proyecto de recuperación de oro de mineral de baja ley *(Low-grade ore gold recovery Project)* | Detailed engineering for 400 MTPD metallurgical process plant – Heap leach and ADR plant. |
| **HLC** has a pilot plant designed for resin adsorption and recovery through electrowinning. | |
| **Minera La Zanja S.R.L.** Proyecto La Zanja *(La Zanja Project)* | Feasibility study and basic engineering of the San Pedro Sur and Pampa Verde acidic water treatment plants. |
| **Cía. Minera Coimolache S.A.** Proyecto Tantahuatay *(Tantahuatay Project)* | Feasibility study and basic engineering of Ancillary services. |
| **Minera Barrick Misquichilca S.A.** Proyecto Lagunas Norte *(Lagunas Norte Project)* | Detailed engineering for processing plant expansion, Lagunas Norte mine in Alto Chicama. |
| **La Arena S. A.** Proyecto La Arena *(La Arena Project)* | Feasibility study for the 24,000 MTPD metallurgical process plant. |
| **Minera La Zanja S.R.L.** Proyecto La Zanja *(La Zanja Project)* | Detailed engineering of the metallurgical plant: Process and piping. |
| **Minera La Zanja S.R.L.** Proyecto La Zanja *(La Zanja Project)* | Detailed engineering of the water line. |
| **La Arena S. A.** Proyecto La Arena *(La Arena Project)* | Detailed engineering of the 24,000 MTPD metallurgical process plant. |
| **Minera Barrick Misquichilca S.A.** | Basic engineering for the slag treatment plant. |

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| ENGINEERING - HYDROCARBONS | |
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| **Petrobras Energía Perú S.A.** | Detailed engineering of series 150, 300 and 600 manifolds. |
| **Petrobras Energía Perú S.A.** | Detailed engineering of two-phase separation trains. |
| **Petrobras Energía Perú S.A.** | Detailed engineering of PV-101 scrubber for the thermoelectric plant at El Alto. |
| **Petrobras Energía Perú S.A.** | Detailed engineering for improvements to the crude oil treatment plant at Carrizo. |
| **Petrobras Energía Perú S.A.** | Detailed engineering for the adaptation of the OR-12 Battery. |
| **Petrobras Energía Perú S.A.** | Detailed engineering of the 2” ERFV injection network and the expansion of the MC-1 and MC-2 manifolds for the central water injection Project. |
| **Petrobras Energía Perú S.A.** | Detailed engineering for the installation of vacuum compressors at CE-10. |
| **Petrobras Energía Perú S.A.** | Detailed engineering for the gas compression and injection station at Laguna Zapotal EZA-04 and installation of the booster compressor at Peña Negra EPN-30. |

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| ENGINEERING - SEANEAMIENTO | |
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| **Cía. Minera Coimolache S.A.**<br>Proyecto Tantahuatay<br>*(Tantahuatay Project)* | Feasibility study for the potable water treatment plant. |
| **Cía. Minera Coimolache S.A.**<br>Proyecto Tantahuatay<br>*(Tantahuatay Project)* | Feasibility study for domestic waste water treatment plant. |
| **Cía. Minera Coimolache S.A.**<br>Proyecto Tantahuatay<br>*(Tantahuatay Project)* | Feasibility study for landfill. |
| **Petrobras Energía Perú S.A.**<br>Project in the district of El Alto, in Talara, Piura. | Basic and detailed engineering for the Project: "Potable water supply and distribution system, and sewage, treatment and waste water recycling system".<br>Stage I: Water drive line and storage.<br>Stage II: Potable water distribution networks. Collection, treatment and recycling of waste water. |

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