



CHEMICAL RELATED REFERENCES

Note: This document doesn't have all the chemical related projects executed by Verbor. For more information please contact us: +55 11 3363 – 0465 / www.verbor.com.br

CLIENT	LOCATION	PROJECT	DESCRIPTION
Du Pont	Altamira - PA	Logistics / Bag-Filling / Dispatch	Basic Project: Engineering services and drawings for implementing a new bag-filling and dispatch system. Product: ZINC OXIDE
Quiborax	EXTERIOR - Chile - Arica	Metallic structures	Executive Project: Calculation and detailed design for big-filling system metallic structures. Product: BORIC ACID
Maccagnan	Cruz Alta - RS	Logistics / Bag-Filling / Dispatch	Conceptual Engineering: Engineering services and drawings for implementing a road-rail transshipment terminal Product: FERTILIZERS
Solvay	Santo André - SP	Handling and Storage	Management: Modernization and restructuring of a salt handling and storage system. The project included: technical specifications, elaboration of bidding notices, technical equalizations and final opinions Product: SALT
Tortuga	Mairinque - SP	Logistics / Bag-Filling / Dispatch	Conceptual Engineering and Basic Project: Engineering services and drawings for a bag-filling and automatic palletizing line – Project Packing DSM Product: ANIMAL FEED



MINING RELATED REFERENCES

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CLIENT	LOCATION	PROJECT	DESCRIPTION
Metso / CVRD	Carajás - PA	Compressed air / Water / Oil / Gases	Executive Project: Calculation and detailed design for utilities piping, including: industrial water, firefighting and compressed air. Product: IRON ORE
Geocal Mineração	Cajamar - SP	Grinding	Basic Project: Engineering services and drawings for implementing a limestone grinding. Product: LIMESTONE
Minera Loma de Níquel	EXTERIOR - Venezuela - Araquá	Grinding	Basic Project: Engineering services and drawings for implementing a magnesium silicate grinding. Product: MAGNESIUM SILICATE
Outokumpu	São Luís - MA	Pneumatic Transportation	Executive Project: Calculation and detailed design for a pneumatic transportation system. Product: ALUMINA
Coperbrás	Catalão - GO	Bulk Loading Systems	Basic and Executive Project: Engineering services and drawings for modernizing a bulk loading system. Product: APATITE
Samarco Mineração	Anchieta - ES	Screens / Pelletizing Plates	Consulting: Supervision services for pelletizing plate improvements. Product: IRON ORE
CBA	Alumínio - SP	Metallic Structures	Executive Project: Calculation and detailed design for pipe racks, piping and metallic structures. Product: ALUMINA
Alcoa	São Luís - MA	Dedusting Systems	Basic Project: Engineering services and drawings for improvements in an alumina silo dedusting system. Product: ALUMINA
Votorantim	Vazante - MG	Feasibility Study	Basic Project and capital expenditure spreadsheets (CAPEX): Development of FEL-type documents (Front-End Loading), in levels 1, 2 and 3, to analyze the feasibility of using an optical system for zinc classifying. Product: ZINC
HBL / Geocal Mineração	Santana do Parnaíba - SP	Bulk Loading Systems	Executive Project: Engineering services and drawings for an agricultural limestone bulk loading installation. Product: AGRICULTURAL LIMESTONE
Belmont	Itabira - MG	Handling and Storage	Basic and Executive Project: Engineering services and drawings to increase the capacity and modernize an emerald processing and optical classifying unit. Product: EMERALDS



STEEL INDUSTRIES RELATED REFERENCES

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CLIENT	LOCATION	PROJECT	DESCRIPTION
Siderúrgica Gerdau	Araçariguama - SP	Handling and Storage	Executive Project: Complete engineering services for implementing an additives dosing system for lime and alloys. Product: LIME and ALLOYS
Vetorial	Corumbá - MS	Metallic Structures	Executive Project: Calculation and detailed design for an ores deposit metallic structures. Product: ORES
Combustol	São Paulo - SP	Special Projects	Executive Project: Engineering services and detailed drawings for tropicalizing a roller table.
Combustol	São Paulo - SP	Compressed air / Water / Oil / Gases	Executive Project: Calculation and detailed design for the pumps room oil piping.



AUTOMOTIVE INDUSTRIES RELATED REFERENCES

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CLIENT	LOCATION	PROJECT	DESCRIPTION
Etalp / Giffels / Ford	Camaçari - BA	Compressed air / Water / Oil / Gases	Executive Project: Supply of the complete utilities system for the Camaçari unit (water, oil, compressed air, among others).
Volkswagem	São Bernardo do Campo - SP	Compressed air / Water / Oil / Gases	Executive Project: Cadastral mapping for the effluents of the sector IV
Volkswagem	São Bernardo do Campo - SP	Compressed air / Water / Oil / Gases	Executive Project: Engineering services and drawings for a ramp enlargement and pipes relocation.