

# CURRICULUM VITAE

## RICARDO ADOLFO CARMONA GONZALEZ

Professional with 40 years of administrative engineering experience which includes business with national and international companies, and executive and leadership experience in the planning, programming, monitoring and execution of major engineering projects.

### PERSONAL INFORMATION

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**Languages:** Spanish  
English  
Some French

**Studies:** Civil Engineering – Universidad Catolica de Chile 1963-1970

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### WORK EXPERIENCE

**From 2008 to Present:** CONSTRUCTORA GARDILCIC LTDA – *Website: [www.gardilcic.cl](http://www.gardilcic.cl)*  
Av. Americo Vespucio Norte 2880 Piso 12 - Conchalí  
Santiago, Chile

**Job Title:** Project and Commercial Manager  
**Annual Sales:** US\$160,000,000

**Job Description:** Creation and develop the new business areas of construction and electromechanical erection of power plants and mine process plants. Assuming the responsible of the administration, planning, monitoring, sales and execution of projects in these areas, including EPC contracts.

Responsible for promoting and expanding new business opportunities for the company in the areas of mining and energy, and obtaining new clients such as: ENDESA, COLBUN, EMELDA, AREVA, SEDGMAN, CODELCO (AREA ENERGIA), TINGUIRIRICA ENERGIA, PACIFIC HYDRO, SN POWER, ABASTIBLE, MARICUNGA, KINROSS, GASMAR, SWC, SOUTHERN CROSS, ENLASA, GASSUR, TECNIMONT, AES GENER, SCL ENERGIA, GRUPO SAT, WHESOE, AMERICAN HYDRO, DESSAU INGENTRA, SHELL, YAMANA GOLD, GENERAL ELECTRIC, ABB, AMEC, FALCONBRIDGE, etc.

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**GARDILCIC's main completed projects include:**

| CLIENT                      | CONTRACT  | AMOUNT           |
|-----------------------------|---|------------------|
| PACIFIC HYDRO<br>SN POWER   | EPC contract of COLMITO electric power plant of 60MW, with ROLLS ROYCE equipment.   | US \$ 7,125,000  |
| CODELCO<br>NORTE            | EPC contract of SALAR electric power plant of 90MW, with PRATT&WITNEY equipment.  | US \$ 21.782,000 |
| EMELDA                      | Construction and electromechanical erection of SALAR electric power plant of 90MW, with used GENERAL ELECTRIC equipment.                  | US \$ 11.881.000 |
| ENDESA<br>AMERICAN<br>HYDRO | Dissemble and erection of new hydro turbines for upgrading of RAPEL power plant (one of 75MW) and ANTUCO power plant (two of 150MW each). | US \$ 3.207,000  |
| MASISA AREVA                | Mechanical erection of biomass power plant of 11MW  | US \$ 3.475,000  |
| ENDESA<br>SEDGMAN           | Construction and electromechanical erection of COAL HANDLING SYSTEM for BOCAMINA power plant of 350MW.                                    | US \$ 16.039,000 |

**From 2002 to 2008:** **INSERCO LTDA – Website: [www.inserco.cl](http://www.inserco.cl)**  
**Panamericana Norte #9950, Quilicura**  
**Santiago, Chile**

**Job Title:** **Project and Commercial Manager**  
**Annual Sales:** **US\$15,000,000**

**Job Description:** Responsible for the administration, planning, monitoring, sales and execution of projects in the areas of construction, electromechanical erection, and the fabrication and assembly of steel structures.

Responsible for promoting and expanding new business opportunities for the company in the areas of mining and energy, and obtaining new clients such as: COLBUN, CENELCA, HIDROELECTRICA GUARDIA VIEJA, HIDROELECTRICA CONVENTO VIEJO, GENERAL ELECTRIC, ABB, AMEC, FALCONBRIDGE, KINROSS MARICUNGA, VEOLIA WATER HPD, GASMAR, ABASTIBLE, GLEMANS, CONFAB, FMC CORPORATION, CONVEYOR ENGINEERING, etc.

Additionally, responsible for creating and developing new commercial and industrial projects by overseeing a major construction yard for the purpose of fabricating of steel structures and plate work, with a capacity of 400 tons/month. I also developed a strategic alliance with Chile's largest steel distributor: KUPFER HNOS SA.

**INSERCO's main completed projects include:**

| CLIENT                           | CONTRACT  | AMOUNT            |
|----------------------------------|---|-------------------|
| Colbun                           | EPC contract for electric power plants ANTILHUE I y II, of 50MW each, with GE LM-6000 equipment.                  | US \$ 4,125,000   |
| Colbún                           | Detail engineering and fabrication of penstock for Chiburgo Hydroelectric Power Plant, of 2.50m pipe diameter.    | US \$ 351,000     |
| Hidroeléctrica<br>Guardia Vieja  | Detail engineering and fabrication of penstock for Hornitos Hydroelectric Power Plant, of 1.80m pipe diameter.    | US \$ 629,600     |
| Hidroeléctrica<br>Convento Viejo | EPC contract for hydroelectric power plant Convento Viejo, of 14MW, with ABB (MAVEL) Kaplan turbines. IN PROCESS. | US \$ 14, 200,000 |
| Fluor-BHP                        | Detail engineering, fabrication and erection of steel bridges for   | US \$ 785,000     |

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|-------------------------------------|---|-----------------|
| Billiton Collahuasi                 | overland conveyors.   |                 |
| Conveyor Engineering                | Detail engineering, fabrication and erection of 8 belt feeders for Collahuasi of 72"  | US \$ 315,000   |
| FMC CORPORATION                     | Detail engineering, and fabrication of steel structures and plate work for Bechtel-Collahuasi In Plant Conveyors.   | US \$ 533,200   |
| Colbún                              | Engineering, fabrication, erection and civil Works for 2000m3 steel tanks for oil storage, API 650, for electric power plants Candelaria and Nehuenco.  | US \$ 1,187,500 |
| Colbún                              | Engineering, fabrication and erection of steel structures, ducts and stack for gas exhaust for Unit 3, Nehuenco Electric Power Plant.   | US \$ 670,000   |
| Amec Falconbridge                   | 800m overland conveyor erection, in Lomas Bayas Expansion Project.  | US \$ 312,000   |
| Kinross Maricunga                   | Engineering, fabrication and erection of in plant conveyors for Maricunga Project.  | US \$ 1,234,000 |
| Fluor-BHP Billiton Collahuasi       | Engineering, fabrication and erection of water tanks in Collahuasi Mine.  | US \$ 625,000   |
| Angloamerican                       | Engineering and fabrication of steel structures for Chagres Expansion Project.  | US \$ 944,400   |
| Guacolda                            | Engineering, civil works, fabrication, and erection of oil handling system, including oil tanks API 650, piping, steam heating system, pumps, electrical installations, instrumentation and control, for electric power plant Guacolda. | US \$ 2,314,000 |
| Codelco Chuquicamata Metso-Minerals | Civil Works and electromechanical erection of Built and Transfer Project, crusher MP-1000   | US \$ 687,400   |

**1982 – 2002:                    CONSTRUCTORA CMC LIMITADA.**

**Job Title:                    General Manager and Project Manager**  
**Annual Sales :            US\$ 20,000,000**

**CMC' Major Completed Projects include:**

| CLIENT                           | CONTRACT  | AMOUNT          |
|----------------------------------|---|-----------------|
| CLIENTE                          | CONTRATO  | MONTO           |
| Codelco Andina                   | Excavation and construction of exploration tunnel 1.300 mts.  | US \$ 606,586   |
| Codelco Andina                   | Civil Works and electromechanical erection of new hoist machine room in level 11 in the mine, for elevator 20ton capacity.                          | US \$ 935,510   |
| Hidroeléctrica Guardia Vieja     | Civil works, new penstocks and electromechanical erection of 3 turbines and generators for Central Hidroeléctrica Los Quilos, 39MW capacity.        | US \$ 2,109,783 |
| Central Hidroeléctrica Aconcagua | Civil Works, tunnel, channels, power house, electromechanical erection, turbines, generators, HV substation, for an 82MW hydroelectric power plant. | US \$ 9,813,290 |
| Placer Dome                      | Civil Works, electromechanical erection, piping, etc., for a gold mine process plant, LA COIPA.   | US \$ 4,506,814 |
| Codelco Chuquicamata             | Structural and electromechanical erection of conveyor belt system for coal handling in Tocopilla Harbor.  | US \$ 940,770   |
| Fluor                            | Civil Works for different buildings in El Indio Mine.   | US \$ 1,094,431 |

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|-----------------------|--|-------------------|
| Codelco Andina        | Civil Works and erection of truck shop and warehouse in Sur Sur Mine.  | US \$ 775,010     |
| Fluor Daniel          | Civil Works, electromechanical erection, piping, etc., for a gold mine process plant, Vilacoyo Project for Choquelimpie Mine.  | US \$ 1,160,000   |
| Inela- Huarte-Besalco | Fabrication and erection of 1,500ton of steel structures for the new building for National Congress in Valparaíso.   | US \$ 1, 833,960  |
| Codelco Andina        | Rock excavation and civil works for Traspaso Rajo Norte Project.   | US \$ 986,630     |
| Codelco Andina        | Civil Works and conveyor belt system erection, in the mine, for Proyecto Traspaso Level 8 and 11.  | US \$ 3, 483,255  |
| Cía. Minera Lince     | Civil Works, structural and electromechanical erection of SX – EW process plant for cooper ore, Proyecto Catodos II.   | US \$ 4, 827,105  |
| Placer Dome           | Civil Works, structural and electromechanical erection of EW process plant for cooper ore, Zaldivar Project.   | US \$ 5, 759,407  |
| Mantos Blancos        | Civil Works, structural and electromechanical erection of crushing plant, conveyor belt system and SX – EW process plant for cooper ore, Santa Barbara Project.      | US \$ 18, 887,075 |
| Montcocol             | Civil Works and erection of railroad system, 10km long in two ways, for Line 5 , Metro of Santiago.  | US \$ 6, 348,090  |
| Bechtel Ara           | Structural and electromechanical erection of SX – EW process plant for cooper ore, Radomiro Tomic Project.   | US \$ 16, 314,733 |
| Colbún                | Civil Works and electromechanical erection of electric power plant, SAN PEDRO 100 MW, with two GE LM-6000 equipments.  | US \$ 1, 770,000  |
| Alstom Chile          | Civil Works and hydro mechanical erection of Bottom Dewatering System, Pangué Project for ENDESA.  | US \$ 1, 388,598  |
| Kaeverner             | Civil Works, steel structures fabrication and erection, and electromechanical erection of primary crusher plant and stock pile building, for Cerro Colorado Project. | US \$ 17, 000,000 |
| Bechtel Chile         | Civil Works and electromechanical erection of crushing plant expansion for Minera Dayton, Andacollo Project.   | US \$ 2, 029,328  |
| Gerdau AZA            | Civil works and electromechanical erection for steel rebar foundry and laminator, 350,000ton/year capacity, Colina Project.  | US \$ 16, 250,000 |
| Bechtel Davy          | Civil Works and electromechanical erection of treatment water plant, by reverse osmosis, for Minera Collahuasi.  | US \$ 1, 582,926  |
| Colbún                | Electromechanical erection of water gates system for Rucue Hydro Electric Power Plant, for Alstom Chile.   | US \$ 1, 385,000  |
| Bechtel Chile         | Civil Works and erection of truck shop for Los Pelambres Mine Project.   | US \$ 4, 150,000  |
| Ansaldo Energía       | Electromechanical and structural erection of a combined cycle power plant, 240MW, for Mejillones III Project.  | US \$ 11, 420,000 |

**1976 – 1982: INCOMET (Industrial Construction Division of Neut Latour Grup).**

**Job Title: Field Engineer**

Field engineer in engineering, erection and civil Works, in different projects, including:

|                  |  |
|------------------|--|
| Codelco Andina   | Civil Works and electromechanical erection of primary crusher plant, in the mine.  |
| Codelco Teniente | Civil Works and electromechanical erection of primary crusher plant, in the mine.  |
| Minera Pudahuel  | Design and engineering of cooper ore process plant, including crusher plant, mills, SX-EW plant, in join venture with Holmes & Narver (USA). |

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**1971 – 1976:**                    **MCKEE ARGENTINA (Argentina)**

**Job Title:**                    **Field Engineer**

|                                |  |
|--------------------------------|--|
| Papel Misionero                | Electromechanical erection of paper mill plant, in Misiones province, with 110ton/day capacity of kraft paper.             |
| HOCHTIEF<br>Puerto Hipasam     | Civil Works and electromechanical erection of buildings and conveyors for loading of iron mineral in Sierra Grande Harbor. |
| Papelera Massu                 | Civil Works and electromechanical erection of paper mill expansion, in Buenos Aires.                                       |
| Central Atómica<br>Río Tercero | Steel structures erection of auxiliary buildings Córdoba Province.   |

**1970 – 1971:**                    **SOCOMETAL (Larger steel manufacture shop in Chile)**

**Job Title:**                    **Planning and Scheduling Engineer.**