



# John O'Ryan SURVEYORS

HONESTY ABOVE ALL

Since 1985 working together with the main forestry companies





*"Governments, NGOs, companies and individuals that will improve world's future are those that considers ethics, efficiency, knowledge, balance and sustainability as the basis for achieving progress and overall success.*

*Our company's goal is, every day, be the best partner of them to accomplish these goals..."*



**Rodrigo O'Ryan Blaitt,**  
*John O'Ryan Surveyors CEO*



JOHN O'RYAN SURVEYORS

# Our Company

John O'Ryan Surveyors is a Chilean company that controls and certifies quality and quantity of raw materials and finished products. Since 1980, we have provided sampling, analysis and certification services to leading companies in industries as diverse as mining, manufacturing, agriculture and forestry, being this last, the main market for our company since 1985.





## Mission

Develop control systems that will allow our customers to improve their productive and logistic processes as well as to ensure a transparent and sustainable relationship between them, their suppliers and buyers.

## Vision

Be an active and renowned agent, in our own country and abroad, by the implementation and application of quality and quantity control systems, emitting timely, objective and trustworthy information to our customers and parties involved in the commercialization of products.

## Quality Policy

John O’Ryan Surveyors Quality Policy is based on being constantly alert to our customer’s requirements regarding quality control practices, quantity and certification of product and raw materials. It also aims at innovating by developing new alternative services which will contribute to satisfy our Customers needs and optimize their activity through a continuous improvement of our systems.

To accomplish this, our Company will be constantly focus in having highly technical skilled personnel and will adequately administrate the necessary resources to ensure the quality level supplied to the Customer.





## History

In 1980, John O’Ryan Rocuant, founder of our company, joined Corporación del Cobre de Chile (Chilean Copper Corporation), CODELCO, which at the time had just been founded. Mr O’Ryan was in charge of creating the department responsible for controlling non refined copper exports and its sub products in Chile as well as overseas.

Later on, he decided to associate himself

with British entrepreneurs with the purpose of creating and developing an international certification and supervision company. This partnership went on for years and lasted until 1986.

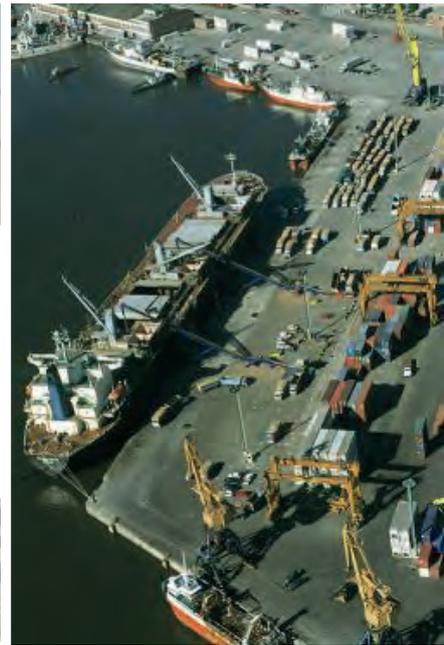
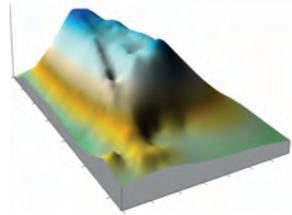
There in after, and challenged to always grow and work with the highest standards, he chooses to continue with the company independently.



# Experience

## “Leaders in certification in the forestry sector in Latin America”

- ▶ Pulp wood control and certification since 1985.
- ▶ More than 320 millions tons controlled since 1985 (5,8 rounds to the earth at the Equator line with trucks loaded with wood).
- ▶ More than 2.800 woodchips shipments certified (about 90-100 per year).
- ▶ More than 13,6 millions tons of Wood product controlled per year along the forestry supply chain (reference year 2020).
- ▶ Certification and Consultancies in the forestry and biomass sector, carried out in countries such as Chile, Uruguay, Brazil, Argentina, Ecuador, Spain and Japan.



## Integral Control

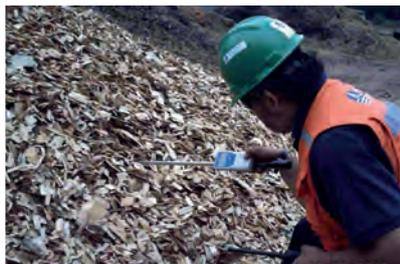
We provide all the quality and quantity control services required in the chain so that our clients manage and operate efficiently, dynamically and sustainably.



## Quality Control

**Sampling and quality analysis for raw materials and finished products at the forestry sector**

We carry out all types of sampling and analysis to determine the quality of the material, both physical and chemical, for the pulpable forest sector, agricultural forestry for the biomass sector, as well as biofuels analysis.



## Quantity Control

We provide quantity control services at various stages of the chain, such as:

- Standing forest inventories, piles of logs, biomass and chips.
- Reception and dispatch in ports, plants and gathering places.
- Consumption in plants and industrial complexes.



RESUMEN INDICADORES SGC BIOMASA  
ÁREA Y MEDICIONES DE DESMUNDO

INDICADOR	2013	2014	2015	2016	2017	2018
A. Índice de Eficiencia Logística de Biomasa	67%	65%	70%	69%	67%	67%
B. Índice de Eficiencia Energética de Consumo en Calentamiento	62%	65%	68%	72%	75%	78%
C. Índice de Calidad Biomasa Energética	68%	70%	73%	76%	78%	80%
D. Índice de Calidad Biomasa Comercial	69%	67%	70%	74%	76%	67%
Indicador Global, año a y de promedio	68%	69%	73%	75%	78%	67%

# Quality management system

Development, Implementation and Audit of Quality Management Systems tailored to the client, which allows continuous improvement based on solid, consistent and measured indicators by an external and expert body, providing the necessary transparency to achieve an alignment between the parties Which allows the generation of Value and its distribution in a clear and fair.



RESUMEN FLUJO ASERRÍO 2014

PERÍODO	MÉ 100	% ENTRADA EN DESMUNDO	BOCM	MBO
ENERO	1.120.000	100%	1.120.000	1.120.000
FEBRERO	1.200.000	107%	1.200.000	1.200.000
MARZO	1.300.000	116%	1.300.000	1.300.000
ABRIL	1.400.000	125%	1.400.000	1.400.000
MAYO	1.500.000	134%	1.500.000	1.500.000
JUNIO	1.600.000	143%	1.600.000	1.600.000
JULIO	1.700.000	152%	1.700.000	1.700.000
AGOSTO	1.800.000	161%	1.800.000	1.800.000
SEPTIEMBRE	1.900.000	170%	1.900.000	1.900.000
OCTUBRE	2.000.000	179%	2.000.000	2.000.000
NOVIEMBRE	2.100.000	188%	2.100.000	2.100.000
DICIEMBRE	2.200.000	196%	2.200.000	2.200.000
TOTAL	21.000.000	196%	21.000.000	21.000.000



# Consulting

We train and advise companies and government agencies on project evaluations, standards development and control systems along the chain, as well as focusing on the optimization of the forest chain and biomass.



# Customers

## Energy, Pulp and Paper

**arauco**



**Montes del Plata**

**BO PAPER**  
Bio Bio



## Forestry, Pulpwood and Biomass



# Forestry, Pulpwood and Biomass



# Others Companies, NGO and Government Organizations



# Recognition

Our certificates and reports are recognized by the leading companies on the forestry market, such as:





# John O'Ryan

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# SURVEYORS

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