



# LEACH PAD SYSTEM Radomiro Tomic

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Customer	Corporation Nacional del Cobre de Chile (CODELCO)
Plant Location	Radomiro Tomic (Chile)
Scope of work	Turn-key project

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**Project Figures**

Design capacity: 10745 t/h  
Nominal capacity: 8600 t/h  
Material: copper ore

**Stacker feed conveyor**

Belt width: 1600 mm  
Belt speed: 6.1 m/s  
Belt length: 2813 m  
Main drive power: 3x1000 kW

**Bucket Wheel Reclaimer**

Theoretical conveying capacity: 10745 t/h / 7410 m<sup>3</sup>/h  
Bucket wheel drive power: 500 kW

Belt width: 1800 mm  
Belt speed: 5,45 m/s  
Main drive power: 2 x 200 kW

**Waste load out conveyor**

Design capacity: 10745 t/h / 7410 m<sup>3</sup>/h  
Belt width: 1600 mm  
Belt speed: 6,1 m/s  
Belt length: 2414 m

Main drive power: 3+1 x 1000 kW

**Shiftable waste dump conveyor**

Design capacity: 10750 t/h / 7410 m<sup>3</sup>/h  
Belt speed: 6,1 m/s  
Belt length: 3430 m  
Main drive power: 3+1 x 1000 kW

**Waste dump spreader**

Design capacity: 10745 t/h / 7410 m<sup>3</sup>/h  
Bulk density: 1,6 t/m<sup>3</sup>  
Intermediate conveyor length: 60 m ± 2 m

Belt width: 1800 mm  
Belt speed: 5,35 m/s  
Main drive power: 2 x 450 kW

Launch boom length: 60m  
Belt speed: 6,95 m/s  
Main drive power: 2 x 450 kW

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**Project Schedule**

Commissioning in 1996

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**Contacts**

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