

# Leading the way in large projects & installations

**Exhaust Control Industries** Air and noise pollution control specialists





# Exhaust Control Industries

**Exhaust Control Industries Australia (ECI) has become the recognised leader in noise and air pollution control in Australia and South East Asia.**

With over 30 years of experience both nationally and internationally, ECI is a recognised leader in emission and noise treatment technologies. We offer unique and affordable solutions for the safe and effective treatment of diesel exhaust, and cater to broad industry sectors.

ECI Australia provides a full-service offering, including an experienced projects installation team. Significant experience in this market – combined with the latest technology, local presence and wide partner network – is the key to serving our customers' needs in terms of cost, quality and reliability.

ECI is committed to continuously improving our technology to improve working and urban environments.

**Talk to the experts.**



Pictured Leighton's HQ Building Project, Brisbane Australia.



# Delivering noise and pollution control solutions

## Recent ECI projects include:

### Victoria

- Telstra Exchange building project, Exhibition St, Melbourne CBD
- 357 Collins St, Melbourne CBD
- 123 Queen Street Co-Gen Plant
- Royal Children's Hospital
- Bioscience Research Centre
- Monash University New Horizon Co-Gen Plant
- ANZ Data Centre upgrade
- Telstra New Data Centre
- New Melbourne Market
- Melbourne Convention Centre
- Digital Realty
- Ararat Prison
- Mt Baw Baw

### Queensland

- Green Square – *attained a 6-star green rating*
- Leighton HQ – *attained a 6-star green rating*
- 180 Ann St, Brisbane CBD
- 111 Eagle St, Brisbane CBD
- Queensland Children's Hospital
- Terranora Transformer Acoustic Enclosures x 3
- Santos House building
- Queensland University of Technology
- King George Central

### South Australia

- 70 Franklin St, Adelaide CBD
- Adelaide University Illumin8
- Pt Lincoln Airport
- Lyell McEwan Hospital
- Whyalla Cancer Centre
- Queen Elizabeth Hospital

### ACT

- 2 Constitution Ave, Canberra

### Australia-wide

- 10 x NBN Node Depot Fuel Systems

### Fiji Islands

- Remote island power station prime power diesel
- Installation of 3 gensets at Liku Liku Resort

*Note that ECI has a current EBA with the Plumbers union which allows us to work unhindered by IR issues on any construction site across Australia.*



### Digital Realty Project – Victoria, Australia.

6 x Acoustic Enclosures & 20,000 litre Fuel Tank Skid Base, designed, supplied and installed for Cummins 1600KW Diesel Generator Sets.



### NBN Node Depot Fuel Systems – Australia-wide.

Piping for one of the 10 x National Broadband Network Node Depot Fuel Systems.



### Liku Liku Resort – Malolo Island, Fiji.

Installation of 3 gensets at Liku Liku Resort.





# Solutions for large projects and installations



**Queensland University of Technology Garden Point Campus – Brisbane, Australia.**  
ECI worked with Leighton Contractors Siganto and Stacey Air Conditioning and Mechanical Contractors to deliver outstanding design innovation in energy efficiency products and emission reduction technologies to one of the leading Australian Universities.



**111 Eagle Street Project – Brisbane, Australia**  
ECI worked with Leighton Contractors, Q Electrical and Triple M Mechanical Services to deliver outstanding design innovation, superior acoustic products and emission reduction technologies to one of Queensland's most inspiring building developments.



# Large projects & installation experts

**ECI has a highly skilled team of project installation experts who can design, manufacture, project and site manage, install, test and commission noise and pollution control solutions for large building projects where sustainable energy solutions are paramount.**

In addition, we have full in-house AutoCAD 3D modelling drawing design capability, which allows us to integrate our design seamlessly with the architectural project drawings where applicable.

## **ECI's scope of supply and installation:**

- **Selective Catalytic Reduction (SCR)**  
NOx reduction systems design, manufacture, installation and maintenance
- **Catalytic Purifier** and soot filter design, manufacture and installation for PM, CO & HC reduction
- **Exhaust silencer** manufacture and installation  
– up to 20,000 HP
- **Thermal and acoustic lining** of plant rooms and exhaust systems
- **Co- & Tri-generation plant rooms**  
including Waste Heat
- **Waste Heat Recovery Silencer**  
design for hot water and steam service
- **Mechanical installation of:**
  - Power generators
  - Fuel systems
  - Exhaust piping systems
  - Ventilation systems
  - Generator cooling
  - Waste Heat Recovery Units
  - Cooling water systems.

## **We have specific in-depth experience with large projects involving:**

- Selective Catalytic Reduction (SCR) systems
- Waste Heat Recovery
- Co-generation
- Tri-generation
- Diesel Power generation

## **Our products can be tailored for a broad range of industry applications, including:**

- Health
- Industrial
- Construction
- Food and beverage
- Mining
- Data and communication centres
- Heavy transport
- Marine
- Power generation, including:
  - Standby power
  - Emergency power
  - Community power.



**Ararat Prison – Victoria, Australia.**

Underground 12,000 litre fuel tank installation.



**PT. Freeport Indonesia – Irian Jaya, Indonesia.**

Complete design, supply and install of Selective Catalytic Reduction (SCR) system, achieving an 85% reduction in NOx, and entire exhaust system for CAT 4700KW Genset.



**PT. Freeport Indonesia – Irian Jaya, Indonesia.**

ECI also designed, supplied and installed structural steel for all supporting structures including stairs.

**Pictured Telstra Exchange Exhibition Telephone Project Melbourne Australia.**

ECI worked with Telstra to achieve reductions in noise and exhaust pollution at their flagship exchange building in Melbourne, Australia. ECI designed, engineered, manufactured and installed a complex range of product solutions and provided auditing and project management expertise.

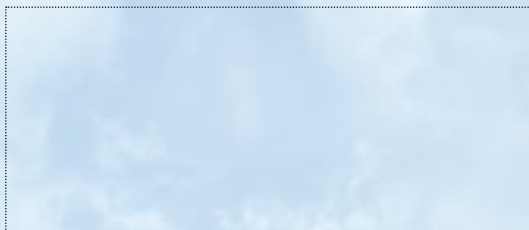


## Exhaust Control Industries

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ECI is the leader in Co-generation and SCR technology in Australia.

Our air and noise pollution control products include Silencers, Diesel Particulate Filters, Diesel Particulate Catalyst, Catalytic Purifiers, Waste Heat Recovery Systems and Acoustic Enclosure Products.



**Exhaust Control Industries Pty Ltd** Air and noise pollution control specialists

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