

# Particulate Control

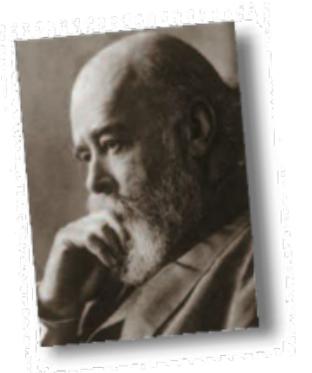


## Innovative Solutions through technology and know-how

In 1883 Sir Oliver Lodge first demonstrated the use of electrostatic precipitation for the collection of dust particles. This innovation led to vast improvements in the lives of much of the population as the technology was used to clean up the chimneys needed to fire industry and create wealth.

Such innovation has remained core to Lodge Cottrell as it continues to provide solutions to even more complex environmental problems, under its new name, Lodge Cottrell Division of Nol-Tec Systems Inc.

Lodge Cottrell is one of the world's leading specialists in air pollution control. Its plants are characterized by their low capital costs, high efficiency, minimal maintenance, low running costs and industrial utilization of by-products. A unique combination of people and technology together with sound business ethics and a focus on product development, all contribute to Lodge Cottrell's capability to offer the most suitable system for any given application.



*Nol-Tec Systems, Lodge Cottrell division, prides itself on being among the world's leading names in particulate control.*

### Electrostatic Precipitators

Our Lodge Cottrell L-type dry electrostatic precipitators reduce dust emissions on every continent for leading power and process companies. Using this highly versatile technology, we are also able to provide many novel options for the upgrading of existing plants to meet ever more stringent emissions limits. Our particulate control expertise extends to Wet-type precipitators with the supply of both vertical and horizontal flow units.

### Design Excellence

From our technology center in Birmingham, England and our office in Flemington, New Jersey, to our Aftermarket office in The Woodlands, Texas, our experienced engineering staff design and develop effective solutions to meet the most stringent worldwide air pollution standards. This includes, not only new technology for our original equipment design, but also rebuilding existing equipment with our latest technology, to meet current technology standards and regulations.

### Resistivity Lab

Since resistivity is such an important factor in ESP design and performance evaluation, Lodge Cottrell operates our own laboratory facility to measure resistivity. This laboratory equipment and test personnel have been servicing the ESP industry for more than 30 years. Our equipment can handle one to four dust samples simultaneously, while varying gas temperature and moisture content. This gives us the capability to process a large number of dust samples in a relatively short period of time.



## Service

With a large team of experienced design, installation and testing engineers, we are able to offer a comprehensive aftermarket service. As well as maintaining and servicing both Lodge Cottrell and other proprietary equipment, we undertake a wide range of general site services from ducting repairs and installation through to complete process plant erection, commissioning, operation and maintenance.

## Worldwide Spares Service

Lodge Cottrell provides an efficient spare parts program for genuine components and parts wherever and whenever you may require them. Spares can be matched against drawings and specifications for thousands of particulate control systems worldwide. Since we designed and built these units, we believe we are the best source for both spare parts and service.



Call 651-780-8600 to speak with an experienced particulate control expert or email [sales@nol-tec.com](mailto:sales@nol-tec.com) for further information on your specific needs.

**Nol-Tec** *Your partner in handling success*



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### About Nol-Tec

*Founded in 1983, Nol-Tec Systems leads the market in custom-engineered pneumatic conveying solutions, with the design and installation of dry bulk material handling systems that ensure your materials are conveyed in a manner that precisely meets your individual goals.*