

Paris, April 28, 2011

Disclosure of share buy-back transactions made by Air Liquide on its own shares between April 18 to April 22, 2011

Weekly statement

In accordance with the regulations governing Share buy-back programs, Air Liquide hereby declares the following transactions executed on its own shares :

Contacts :

Corporate Communications

Anne Lechevranton
+33 (0)1 40 62 50 93
Corinne Estrade-Bordry
+ 33 (0)1 40 62 51 31

Investor Relations

Virginia Jeanson
+33 (0)1 40 62 57 37
Annie Fournier
+33 (0)1 40 62 57 18

Shareholder Services

Laurent Dublanchet
+33 (0)1 40 62 51 86
Didier Henriot
+33 (0)1 40 62 52 89

Purchases via contract with an investment service provider acting independently*			
Trading date	Number of shares	Weighted average price	Total Amount
04/18/2011	58 000	93.75 €	5 437 500.00 €
04/19/2011	0	0.00 €	.0 €
04/20/2011	0	0.00 €	0.00 €
04/21/2011	0	0.00 €	.0 €
04/22/2011	0	0.00 €	€
Total over the period	58 000	93.75 €	5 437 500.00 €

* See press release at 24th February 2011 available on www.airliquide.com

Air Liquide is the world leader in gases for industry, health and the environment, and is present in **80 countries** with **43,600 employees**. Oxygen, nitrogen, hydrogen and rare gases have been at the core of Air Liquide's activities since its creation in 1902. Using these molecules, Air Liquide continuously reinvents its business, anticipating the needs of current and future markets. The Group innovates to enable progress, to achieve dynamic growth and a consistent performance.

Innovative technologies that curb polluting emissions, lower industry's energy use, recover and reuse natural resources or develop the energies of tomorrow, such as hydrogen, biofuels or photovoltaic energy... Oxygen for hospitals, homecare, fighting nosocomial infections... Air Liquide combines many products and technologies to develop valuable applications and services not only for its customers but also for society.

A partner for the long term, Air Liquide relies on employee commitment, customer trust and shareholder support to pursue its vision of sustainable, competitive growth. The **diversity** of Air Liquide's teams, businesses, markets and geographic presence provides a solid and sustainable base for its development and strengthens its ability to push back its own limits, conquer new territories and build its future.

Air Liquide explores the best that air can offer to preserve life, staying true to its sustainable development approach. In 2010, the Group's revenues amounted to **€13.5 billion**, of which more than 80% were generated outside France. Air Liquide is listed on the Paris Euronext stock exchange (compartment A) and is a member of the CAC 40 and Dow Jones Euro Stoxx 50 indexes.