RECLAMATION OF REFRIGERANTS IS A NEARLY ZERO GWP SOLUTION

Hudson Technologies (Nasdaq: HDSN), is the leading reclaimer of refrigerants in North America. The use of reclaimed refrigerants is essential to the orderly transition to climate-friendly technologies and the prevention of millions of tons of greenhouse gas emissions

The Opportunity: Global Focus On Eliminating Gases With High GWP Driving Refrigerant Phase outs

- In excess of 15% of world energy consumption is related to refrigeration and air conditioning[1]
- Pound for pound, refrigerants have up to 4,000 times more global warming potential (GWP) than carbon dioxide[2]
- Next generation HFC emissions could potentially produce up to 19% of CO2 emissions by 2050[3]
- A phase down of virgin HFC production, supported by use of reclaimed refrigerants will avoid releasing the equivalent of 100 billion tons of carbon dioxide into the atmosphere and prevent more than 0.5 C of warming by 2050[4]

Significant Momentum Building for HFCs To Be Phased Out

September 2006: California passes the Global Warming Act of 2006 (AB 32) requiring reduction of greenhouse gas emissions by 15% by 2020; specifically targets HFCs among others

April 2015: Governor of California issues Executive Order establishing mid-term GHG reduction target of 40% below 1990 levels by 2030; directs state agencies to implement measures to achieve this target

December 2015: UN Conference on Climate Change sets forth further ambitious greenhouse gas reduction targets

February 2016: Senate passes Murphy amendment to the Energy Modernization Act to increase federal use of recycled refrigerants

October 2016: Parties of the Montreal agree to an amendment establishing three timetables for developed and developing countries freeze and then reduce production of virgin HFCs beginning in 2019

Reclamation Eliminates GHG Emissions and is critical to an orderly Transition

- Refrigerants are necessary for the efficient operation of existing chiller systems
- Reclaimed refrigerants enable smooth transition to climate-friendly technologies
- Use of reclaimed refrigerant eliminates need for new production, preventing additional GHG emissions
- Very little energy is expended in reclaiming refrigerant as compared to the production of virgin refrigerant
- Combination of less venting & reuse dramatically lowers industry's carbon footprint
- Sustainability leaders are demanding the use of reclaimed refrigerant
- Hudson's proprietary technology, infrastructure and customer relationships drive growth

Since Company's Inception, Emissions Prevented by Reuse of Hudson's Reclaimed Refrigerants Estimated to be the Equivalent of Annual Carbon Emissions of >10 Million Cars

HUDSON TECHNOLOGIES

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1: International Institute of Refrigeration. 2: Environmental Protection Agency.
3: Velders et al., 2009. 4: Lawrence Berkeley National Laboratory