



**Press Release**

## **Wellcome Introduces 16 Brand-New Euro 5 Trucks Strengthens Environmental Protection Efforts and Pioneers Green Movements within the Industry**

**(16 September 2009, Hong Kong)** Wellcome today announced the introduction of 16 Hong Kong's first ever MAN EGR Euro 5 eco-friendly trucks from Germany, which will gradually be put to service in phases starting September. This new fleet together with the current fleet of 11 Euro 5 trucks amount to 27 Euro 5 trucks altogether from Wellcome's Fresh Food Centre, making it Hong Kong's largest fleet of Euro 5 eco-friendly delivery trucks. Wellcome opted to use the newly-designed MAN EGR Euro 5 eco-friendly trucks this time as they are equipped with unique and innovative functions. Compared to Euro 1 engines, MAN EGR Euro 5 can cut emissions by 88% and collectively, the entire fleet of 27 can reduce a total of 273 tonnes of air pollutants per year thereby paving way to a greener Hong Kong.

**Ms. Diane Chiu, Marketing Director of Wellcome** said, "As an industry leader in the green movement, Wellcome has always been an advocate for corporate social responsibility and launched environmental protection and education campaigns. Since the 1990s, Wellcome has been following the "3R Principle", which includes "Reduce", "Reuse" and "Recycle". Wellcome and all its staff aspire to participate in all sorts of environmental protection initiatives, including plastic bag reduction, energy saving and waste reduction, etc. The expansion of the Wellcome's eco-friendly trucks and the launch of a newer and more eco-friendly fleet of MAN EGR Euro 5 trucks is merely one example of Wellcome's dedication in protecting our environment and signifies another important milestone in our green initiatives. Being awarded the Sectoral Awards - **Gold Award** of the Retail Sector in the **Hong Kong Awards for Environmental Excellence** of the year 2008 shows social and industry recognition for Wellcome's eco-friendly efforts."

*(For more details, please see attached "Wellcome's Green Initiatives Milestones.")*

**Mr. David Bound, Fresh Food & Business Development Director of Wellcome** said, "The establishment of Wellcome Fresh Food Centre<sup>#</sup> is to provide high quality fresh food products to customers. Transportation and our high performance trucks play an important part in the Centre's cold chain system, which ensures fresh food are delivered from the farms to all Wellcome stores in the best temperature and humidity. After introducing 11 Euro 5 eco-friendly trucks in 2008, Wellcome suggested to our supplier, Regal Motors, Limited, a subsidiary of Dah Chong Hong Holdings to develop Hong Kong's first batch of more eco-friendly trucks. The suggestion was fully supported by both the vehicle manufacturer, MAN, Germany, and the Japanese manufacturer of refrigeration systems, DENSO. Compared with the traditional vehicle equipped with sub-engine refrigeration unit, the new MAN EGR Euro 5 truck can further reduce fuel consumption, noise levels and pollutant emissions. The 16 newly-designed MAN EGR Euro

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<sup>#</sup> Located in Tseung Kwan O industrial estate and occupying an area of 161,000 sq. ft., Wellcome Fresh Food Centre was established in 1998. Fresh food is processed, packaged in the Centre and delivered to Wellcome stores daily.



5 eco-friendly trucks, which will be put to service in phases between 2009 and 2010, will not only further protect the environment but also ensure high standards in food freshness.”

**Mr. William Lee, President and Chief Executive Officer of MAN Truck and Bus Asia Pacific** said, “We are very pleased that Wellcome has become the first organisation in Hong Kong to use MAN EGR Euro 5 eco-friendly trucks well before the government sets legal emission standards to match that of Euro 5 trucks, and support environmental protection. To further show our support, MAN will introduce to Wellcome at a later stage Enhanced Environmental Friendly Vehicles (EEV), an upgraded version of Euro 5 trucks, that are more stringent in exhaust gas emission compared to Euro 5 trucks and which will help to further reduce air pollutants. Through our partnership with Wellcome, we will continually to bring the most advanced technology to the Hong Kong transportation sector, thereby improving Hong Kong people’s quality of life. ”

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#### **About Wellcome**

Founded in 1945, Wellcome is Hong Kong’s largest and longest-established supermarket chain. Since 1964, the company has been wholly owned by Dairy Farm. With a staff of around 5,000, Wellcome’s network of 250 stores in Hong Kong serves more than 14 million customers every month. Wellcome is committed to maintaining its market-leading position by providing one stop shopping convenience to customers, consistently delivering value for money through Friendly Service and Low Prices. Please visit <http://www.dairyfarmgroup.com> or <http://www.wellcome.com.hk> for more details about Wellcome.

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## Fact sheet – About MAN EGR Euro 5 Eco-friendly Trucks

- MAN EGR Euro 5 eco-friendly trucks are equipped with a new MAN EGR Euro 5 diesel engine, which does not require any additives, e.g. AdBlue, nor stopping the vehicle to let the engine run idling, to meet Euro 5 emission standards making it even more environmentally-friendly.
- MAN EGR Euro 5 eco-friendly trucks are equipped with more functions, including the Automated Transmission System (MAN Tipmatic), Electronically Controlled Air Suspension (ECAS), EBS Electronic Braking System (MAN BrakeMatic), and low bed and light chassis weight design.
- MAN EGR Euro 5 eco-friendly trucks even come equipped with a direct driven refrigeration unit. With such technology, the noisy and high pollutant-emitting sub-engine can be eliminated. Comparing with the traditional vehicle equipped with sub-engine refrigeration unit, the MAN EGR Euro 5 truck reduces 10% of fuel consumption, 25% of noise levels, and eliminates the maintenance cost for the sub-engine thereby providing users with better performance, greater safety and more cost-effective results.
- MAN EGR Euro 5 eco-friendly trucks can reduce air pollutant emission by 88% or over 8.1 times of its current emission rates. Based on Wellcome's 16 new MAN EGR Euro 5 eco-friendly trucks, the emission of air pollutants in Hong Kong can be reduced by 169 tonnes\* per year, and exceeds the latest internationally-recognised emission standards of EGR 5 trucks, which results in a significant reduction in air pollutants (see Table 1)

**Table 1 : Comparison between Wellcome MAN EGR Euro 5 eco-friendly trucks, and Euro 1 and Euro 5 Pollutant Emission Standards\***

Air Pollutants	Euro 1	Euro 5	Wellcome MAN EGR Euro 5 Eco-friendly Trucks
NOx (g/kWh)	9.00	2.00	1.79
CO (g/kWh)	4.50	1.50	0.02
HC (g/kWh)	1.10	0.46	0.02
PM (g/kWh)	0.36	0.02	0.013
<b>Total emission (g/kWh)</b>	<b>14.96</b>	<b>3.98</b>	<b>1.843</b>
<b>MAN EURO 5 Eco-friendly Trucks</b>	<b>Euro 1 and Euro 5 Comparison</b>		
Increment by which total pollutants can be reduced by	8.1 times	2.2 times	---
Total percentage of pollutant reduced	88%	54%	---
Total pollutants reduced (g/kWh)	13.117	2.137	---
Maximum pollutants reduced in 1 year (with 175kW engines operating 12 hours a day)	10.57 ton	1.72 ton	---
<b>Based on 11 units operating for 1 year</b>	<b>169 ton</b>	<b>28 tonP</b>	---

\*Source: MAN Truck and Bus (China)