Project Case Study No. 18



SmartGlass at Chevron House, Aberdeen

"The new HQ for Chevron is one of the largest commercial developments constructed in Aberdeen this decade."

Charles Smith, Managing Director, SMC Jenkins & Marr

Chevron House, the new Upstream European HQ for Chevron Upstream Europe at Hill of Rubislaw in Aberdeen is a significant project for SmartGlass International boasting an impressive variety of architectural features.

This new workplace houses around 450 staff. With state of the art facilities and keen attention to ergonomics and workspace design, the building offers an exciting work environment to support Chevron's European business.

With natural daylight playing a critical role in building ergonomics, LC SmartGlass offers an ideal solution to the design brief by improving workspace design and creating a stimulating work environment.

LC SmartGlass was specified for this project to allow instant and precise privacy control for each meeting room situated along the corridor. Floor to ceiling LC SmartGlass panels are installed within a partition wall system as well as within the doors leading in to each meeting room. Switchable glass reduces the uncomfortable "gold fish bowl" feeling when working in high density office spaces.







Client: Chevron Upstream Europe Main Contractor: Morrison Construction Architect: SMC Jenkins & Marr Location: Aberdeen, Scotland Project Completed: June 2007





All LC SmartGlass panels are bespoke manufactured using a lamination process which encapsulates a PDLC film between 2 or more glass sheets. Using a minute electrical current, users can immediately switch the LC SmartGlass from clear to private (opaque) and vice versa.

LC SmartGlass has exceptional optical qualities that reduce eye strain and glare thus creating a more comfortable working environment. Visible light transmission is only reduced by 8% when the glass is in its opaque state meaning internal lighting is not affected when the glass is switched on/off throughout the day.

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