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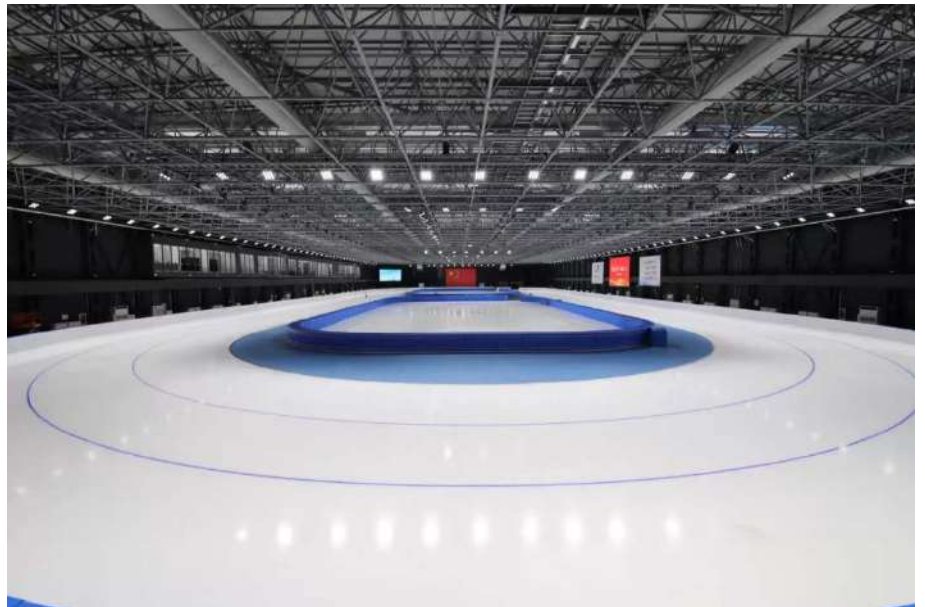


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Beijing Winter Olympics Training Hall Ready for Operation The First Speed Skating Hall using IES Plate and Shell Heat Exchanger for CO₂ Refrigeration Process in Asia



On 28th September 2019, China National Team (Speed Skating and Short Track Speed Skating) attended the opening ceremony of the 19,000-square-meter Speed Skating Training Hall, which is located in the 100-year-old CRRC 27th Factory site. The hall is a training base for the national teams to prepare for the 2022 Beijing Winter Olympics.

The 400m Speed Skating Hall, part of the National Winter Sports Training and Research Base, is the first ice venue in Asia using CO₂ refrigeration systems. IES is honored to be



IES incorporate with Beijing Advance Sporting Technology (AST), designed the new CO₂ refrigeration system for the National Speed Skating Hall. It is a green, environmentally friendly and energy saving ice venue. Compared with the traditional ethylene glycol refrigeration system, the new CO₂ refrigeration system combined with waste heat recovery system, can reduce more than 50% energy consumption, which is expected to save about 3 million kWh of electricity annually.



The size and standard of National Winter Sports Training and Research Base are similar with The National Speed Skating Oval (The Ice Ribbon), a new arena built for 2022 Beijing Winter Olympics. The early opening of this new skating training hall has major impact on the preparation of our national teams for Olympics.

The unveiling of National Winter Sports Training and Research Base in CRRRC 27th Factory site has witnessed the leader position of IES in Plate and Shell Heat Exchanger market. With our IPS being used as a major component of the first ice venue in both China and Asia using CO₂ refrigeration technology, IES will improve with innovative ideas, continue to provide high standard heat exchange technology for the 2022 Beijing Winter Olympics.

