

# Preserving Rare Art: Warding Off Odors & Corrosion

## XI'AN, SHAANXI, CHINA

One of the largest museums in China, the Shaanxi History Museum, houses nearly every form of art as well as historical artifacts. When not on display, they place items in their rare arts storage rooms. These rooms had been facing strong odors and airborne molecular contamination (AMC) in addition to poor ventilation, temperature and humidity control—all of which can accelerate the deterioration of the art. Staff was also complaining about the strong smells and irritating gases coming from a lab near the storage rooms.

We worked with the museum to remove these odors and filter the air properly to protect the art and prevent degradation. To maintain the integrity of the artifacts and showpieces, Purafil needed to remove AMC and meet Reactivity Monitoring Standards for the Protection of Cultural Heritage. To achieve this, Purafil set up an 18-day AMC treatment plan, which reduced contamination levels from C5 and S5 to C2 and S2 levels respectively. C5 and S5 levels indicate very polluted air, while C2 and S2 levels indicate pure air.

**Staff can no longer smell odors and the museum is satisfied with the AMC removal. By partnering with Purafil, the Shaanxi History Museum has preserved priceless pieces of history for all to enjoy.**

