Asbestos is a set of six naturally occurring silicate minerals used widely and commercially for their desirable physical properties. Due to its eponymous, asbestosiform habit, thin fibrous crystals, the prolonged inhalation of asbestos fibers can cause serious illnesses, such as asbestosis, malignant lung cancer, etc. Asbestos has been announced as the Group 1 carcinogens by International Agency for Research on Cancer (IARC).

In the maritime domain, asbestos is controlled more strictly. In June 5th, 2009, International Maritime Organization (IMO) passed MSC.282(86) Resolution (SOLAS Convention Amendment), which requested that, from January 1st, 2011, for all ships, new installation of materials which contain asbestos shall be prohibited. China Maritime Safety Administration and China Classification Society strictly enforced this resolution domestically.

Asbestos enjoyed its reputation of high resistance to fire, electricity and heat, and has been widely used in applications such as fire-proofing, electrical insulation and thermal insulation materials. Currently, there are nearly three thousand asbestos products or asbestos-related products, mainly used in industries of mechanical transmission, braking, heat preservation, fire-proofing, heat insulation, corrosion prevention, sound insulation, etc., especially manufacturing industries like auto, chemical, electrical and construction industries.

**SGS NO ASBESTOS ASSESSMENT SERVICE**

- Assessment Monitoring
  Pre-assessment and control of occupational hazardous factors
- Regular Monitoring
  For hazardous substances in the air of workplace
- Supervision Testing
  Monitoring of hazardous substances in the air of workplace for governmental industrial hygiene supervision department
- Asbestos Content Testing in Other Materials
  Thermal insulation material, cable material, pipe, etc.
WHY SGS

- SGS is the world’s leading inspection, verification, testing and certification company
- SGS Laboratory obtained AIHA, ISO17025 (CNAS) and CMA accreditation; attended domestic and international performance testing programs regularly to ensure reliability and accuracy of testing results
- Services provided by SGS share one thing in common—SGS brand value
- SGS Environmental Services is full-rigged on advanced analytical equipments and staffed by multidisciplinary professionals
- Our monitoring personnel get regular professional trainings from international asbestos specialists invited by SGS
- SGS is able to help clients establish asbestos management solutions according to related regulations and provide technical support for whole industrial chain

REGULATIONS & METHODS

- GBZ 159-2004 Specifications Of Air Sampling For Hazardous Substances Monitoring In The Workplace
- GBZ/T 192.5-2007 Method For Determination Of Dust In The Air of Workplace, Part 5: Asbestos Fiber Concentration
- NIOSH 7400-1994 Asbestos And Other Fibers By PLM
- NIOSH 9002-1994 Asbestos (Bulk) By PLM
- NIOSH 9000-1994 Asbestos Chrysotile By XRD

PROJECT EXPERIENCE

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<tr>
<th>PROJECT TITLE</th>
<th>PROJECT SCALE</th>
<th>CONCLUSION</th>
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<tr>
<td>Asbestos Monitoring In Rotor Insulator For A Domestic Nuclear Power Enterprise</td>
<td>20 Points 20 Samples</td>
<td>Provide asbestos testing for core component of nuclear power plant</td>
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<tr>
<td>Monitoring For Dispersed Asbestos On Ship For A Petroleum Corporation</td>
<td>150 Air Samples 400 Material Samples</td>
<td>Provide authoritative asbestos monitoring and solution for the most advanced submarine pipelaying vessel</td>
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<tr>
<td>Monitoring Of Asbestos In Materials For An Industrial Enterprise</td>
<td>40 Points 40 Samples</td>
<td>Provided asbestos monitoring for all branches of this enterprise located in Shanghai, Jiin, Chongqing, Wuhan, etc.</td>
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WHEN YOU NEED TO BE SURE