



CASE STUDY

SGS CONDUCTS **HEALTH AND SAFETY** COORDINATION FOR ALBA SYNCHROTRON LIGHT LABORATORY IN BARCELONA, SPAIN

In May 2006, SGS was awarded a contract to conduct Health and Safety Coordination for the Alba Synchrotron in Barcelona; Spain's most important scientific facility to date. During its four years of construction, SGS provided compliance with all relevant regulations and requirements, safety coordination during the construction phases, safety risk analysis and improvements to onsite productivity.

ON-SITE HSE COORDINATION ASSURES COMPLIANCE TO SAFETY REGULATIONS

The Alba Synchrotron is the largest and most complex scientific facility ever constructed in Spain, and offers cutting-edge technology for the scientific community.

In order to proceed with such an extensive project in compliance with all relevant regulations and requirements, assure safety coordination during the construction phases, provide safety risk analysis and improve onsite productivity, the entire project required a reliable inspection, verification, testing and certification company.

Due to its extensive experience and competence in similar international projects, SGS Tecnos was assigned a contract to provide Health and Safety Coordination for the Alba Synchrotron in Spain.

In May 2006, SGS's team of experts, including aeronautical and technical engineers, began working on the Alba Synchrotron project. During the four years of construction SGS successfully assured the Health and Safety Coordination for the light laboratory and supported project operators in proceeding with the construction works in accordance with safety regulations and within the planned schedule.

The biggest challenge for SGS was the coordination of the project: 45 construction companies from 6 different countries were involved in the construction works of the Alba Synchrotron. SGS successfully coordinated 8,000 workers from 22 countries of origin, resulting in an extremely low accident rate.

Due to SGS's excellent work, all the construction companies worked in compliance with Spanish Occupational Health and Safety regulations, which results in the number of accidental risks being kept to a very low level.

During the entire project, SGS successfully provided professional safety coordination and safety risk analysis as well as assured compliance with all relevant regulations and requirements, which helps enormously to proceed with the project within the planned budget and schedule.



CASE STUDY

SGS HEALTH, SAFETY AND ENVIRONMENTAL (HSE) MANAGEMENT

To assure safety coordination and protect workers onsite, SGS offers Health, Safety and Environmental Management services to building commissioners, main contractors and construction companies. SGS can coordinate all health and safety aspects of a construction project as well as draw up health and safety plans and verify any existing or proposed plans.

HSE Management by SGS assures protection of the health and safety of workers, decreases accident rates and provides improvements to onsite productivity. Furthermore, SGS offers guidance and coordination with occupational health and safety regulations and recommendations concerning future safety maintenance.

As the world's leading inspection, verification, testing and certification company, SGS offers a large variety of services and solutions, from exploration and appraisal, to development, production and logistics. SGS ensures that the installations, material, equipment, facilities and projects meet all quality and performance requirements.

SGS has a worldwide pool of project specialists; technical and environmental experts spanning a variety of industry sectors. Due to its extensive experience and competence, SGS is the preferred international partner for Health, Safety and Environmental Management. SGS's strength derives from its experienced staff that has the required knowledge in providing HSE Management for various international projects.

SGS IS THE GLOBAL LEADER AND INNOVATOR IN INSPECTION, VERIFICATION, TESTING AND CERTIFICATION SERVICES. FOUNDED IN 1878, SGS IS RECOGNISED AS THE GLOBAL BENCHMARK IN QUALITY AND INTEGRITY. WITH MORE THAN 67,000 EMPLOYEES, SGS OPERATES A NETWORK OF OVER 1,250 OFFICES AND LABORATORIES AROUND THE WORLD.