



CASE STUDY

COMPREHENSIVE PROJECT MANAGEMENT AND HEALTH AND SAFETY COORDINATION SERVICES FOR MAINTENANCE ROAD WORKS IN BARCELONA

SGS was awarded a contract to provide comprehensive third-party services for the maintenance road works on the Rondas and Gran Via Norte Routes in Barcelona, Spain. Throughout the entire contract, which has been renewed yearly for ten years now, SGS is conducting project management and health and safety coordination services.

PLANNING AND COORDINATION OF MAINTENANCE ROAD WORKS PRESENTS A BIG CHALLENGE FOR THE PROJECT OWNER

Barcelona, like all other major cities, has a lot of traffic. However, driving around the city and the surrounding areas has improved considerably since the construction of the Rondas and Gran Via Norte Routes. The Rondas of Barcelona are ring roads which extend for 36 kilometers, of which 8.1 kilometers are urban tunnels, with a DMI of 276,500 vehicles. Serving as they do the municipalities of the Metropolitan Area and enabling urban mobility, the Rondas are vital to the road infrastructure of Barcelona. Furthermore, another vital artery in the city, traversing its heart and hosting many hotels and a large swathe of urban housing is the Gran Via Norte Route.

Due to the fact that the Rondas have one of the highest rates of DMI in Spain, the roads require unique care and attention in order to keep its roads, bridges, 23 tunnels, 1 electrical generation center, 13 technical rooms, 290,000 square meters of embankments and three important motorway interchanges in service.

The fact that planning and coordination of the maintenance road works presents a big challenge for the project owner, it was of the utmost importance to find experts with the extensive technical expertise and experience in the infrastructure sector.

In order to assure the successful performance of the maintenance road works, the project owner looked for a reliable inspection, verification, testing and certification company.

Thanks to its first-rate competence and know-how in projects of this kind, SGS was awarded the contract to conduct specialist third-party services for the maintenance works on the Rondas and Gran Via Norte Routes in Barcelona, Spain.



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SGS PROJECT MANAGEMENT AND HEALTH AND SAFETY COORDINATION SERVICES FOR MAINTENANCE ROAD WORKS IN BARCELONA

Forteen years now, SGS has been leading the management and coordination of maintenance road works, with several contracts for renovation. Throughout the entire duration of the project, SGS is carrying out independent project management and health and safety coordination services to ensure the best quality of the maintenance road works.

With project management services, SGS has been coordinating the large companies involved in the maintenance road works project on the Rondas and Gran Via Norte Routes in Barcelona, from the construction sector as well as the infrastructure and facilities maintenance industries. The team of specialists from SGS who are involved in these works include experts in the maintenance of civil works, facilities and equipment, as well as specialists and auditors of health and safety and road safety. The ultimate goal is the successful implementation of a maintenance works program and ensuring both the economic management of the contract and improvements in road safety on the Rondas and Gran Via Norte Routes in Barcelona.

The range of SGS' tasks in this project include drafting of maintenance projects, preparation and monitoring of annual planning, review of procedures, implementation of inspections and tests as well as elaboration of results reports. Furthermore, SGS implements stringent quality control for the entire duration of the project, validates maintenance procedures with a view to final certification, elaborates accident reports and evaluates any damage to infrastructure. In addition, SGS studies and draws up proposals for improvements in facilities, infrastructure and all aspects of road safety to assure the successful performance of the maintenance road works.

SGS is satisfied that it has established a system that ensures integral quality from its experience of previous projects. SGS is widely motivated to achieve the best on the Rondas and Gran Via Norte Routes maintenance road works project, as the challenges are vast – the complexity of maintenance issues combined with the importance of the infrastructure and facilities that serve this very important ring road in Barcelona mean that issues of traffic management, safety and users' comfort are of the highest priority to SGS.

With SGS's help, the regular maintenance road works in Barcelona are conducted in compliance with all quality and safety requirements to the full satisfaction of the client.

SGS IS THE GLOBAL LEADER AND INNOVATOR IN INSPECTION, VERIFICATION, TESTING AND CERTIFICATION SERVICES.