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SGS Provides Construction Materials Testing for Pacific Highway Upgrade Project in Australia

In February 2012, SGS was awarded a contract to perform comprehensive third-party testing services for the upgrade project of the Devil's Pulpit section of the Pacific Highway between Woolgoolga and Ballina in New South Wales, Australia. For the duration of the contract, scheduled for around five months, the SGS team of experts will conduct construction materials testing to assess the strength and durability of the materials used in the groundbreaking construction project.



Any defects, no matter how small, in the materials used for new road construction can lead to serious accidents when the road is in operation. Consequently, the construction and maintenance of highways requires a high degree of responsibility and technical expertise.

It is of the utmost importance that the owner of such highway projects finds appropriate expertise with experience in the **construction sector** and therefore seeks a reliable inspection, verification, testing and certification company to ensure the quality of their project.

In February 2012, SGS was awarded a contract to perform complex construction materials testing services for the upgrade of the Devil's Pulpit section of the Pacific Highway between Woolgoolga and Ballina in Eastern Australia, by **Golder Associates**, a multi-disciplinary global group of companies specialized in ground engineering and environmental services.

The contract is scheduled to last five months during which time the SGS team of experts will conduct various tests on more than 500 material samples and point loads. The team will also conduct 60 consolidations and carry out over 250 California Bearing Ratio penetration tests in order to evaluate the condition of the materials used for the

construction project.

As an independent third-party service provider, SGS will be testing most types of material involved in this project, including soil, rock and aggregates to assess strength, compressibility and permeability.

Material tests will be performed on-site as well as carried out in the SGS Construction Materials Testing Laboratories in Australia. Drawing on its extensive experience and expertise in the construction sector, SGS performs material tests in accordance with national and international regulations and standards.

With the support and expertise of SGS, the upgrade to the Devil's Pulpit section of the Pacific Highway will be completed in compliance with all quality requirements.

About SGS Construction Materials Testing

SGS Construction Materials Testing Laboratories provide professional testing services, advice on the quality of materials and information on requirements for import and export of construction materials. With advanced testing technologies and an experienced staff, SGS offers quality services and high-level expertise for commercial clients, governments and international institutions.

To meet the high demand for **construction materials testing services** on the market, SGS performs a wide range of test services such as yield and tensile strength, elongation and bending strength of steel and design and mixture proportions of ordinary concrete and masonry mortar, as well as aggregate testing including checking of fineness modulus, density and lumpiness of clay. Furthermore, SGS offers compressive, flexure and impervious strength of concrete testing, compressive strength of mortar and bricks testing, testing of polymer materials and environmental testing.

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About SGS

SGS is the world's leading inspection, verification, testing and certification company. SGS is recognized as the global benchmark for quality and integrity. With more than 70,000 employees, SGS operates a network of over 1,350 offices and laboratories around the world.