

Quarry Registration System (QRS)

The Department of Transport and Main Roads (TMR) launched the Quarry Registration System (QRS) in February 2015. This new process introduced quarry-specific testing frequencies that take into account the quality and consistency of road construction quarry material, performance history, and the management of each quarry.

How it works

Under the QRS each quarry self-assesses and proposes its own source rock testing frequencies, completing both qualitative and quantitative assessments as part of its Quarry Assessment Report (QAR).

The qualitative assessment is to obtain an overall testing frequency for the quarry, while the quantitative assessment is to achieve a testing frequency for the individual source rock test property.



Qualitative assessment

Quarry operator rates their quarry against several attributes, including the quality of the source rock and product compliance, the qualifications of staff, production practice and the product's performance history.

Quantitative assessment

Quarry operator carries out strength and durability tests and submits results for each nominated quarry product to TMR.

Testing frequency schedule

Based on these assessments, each of the quarry's nominated products is assigned one of three frequency levels: **Default, Medium or Low***.

Successful applicants are issued with a **Quarry Registration Certificate** that includes their **Registered Overall Testing Frequency Schedule**. The quarry operator carries out source rock testing in accordance with this schedule, forwarding the results along with product conformance test results to the TMR Technical Manager (QRS).

*Products assigned the same frequency level may require different testing frequencies, according to material type.



Benefits of registration

Quarry operators are encouraged to take advantage of the savings available by registering. All quarries registered under the new system have seen a minimum 50 percent reduction in testing frequencies, while well-managed quarries with consistent rock quality have seen frequencies reduced by almost 90 percent.

How to register

To register, complete the following two documents:

- Quarry Registration Application form
- Quarry Assessment Report (QAR), which includes the qualitative and quantitative assessments for testing frequencies.

The Quarry Assessment Report (QAR) can be completed using documents QRS2, QRS3 and QRS4, which are available on the TMR website.

Email completed documents to the TMR Technical Manager (QRS) at: tmrquarryregistration@tmr.qld.gov.au

Find out more

To learn more about the QRS and view the relevant documents, visit the TMR website: www.tmr.qld.gov.au

QRS information is under Business and industry › Technical publications › Approved products and registered suppliers › Pavements, materials and geotechnical › [Quarries](#)

If you have any queries, please contact the TMR Technical Manager (QRS) by email at: tmrquarryregistration@tmr.qld.gov.au

