



Australian Government

RIICWD522D Prepare stabilised material mix design

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIICWD522A Prepare stabilised material mix design
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to prepare a stabilised material mix design in Civil construction.

This unit is appropriate for those working in management or technical specialist roles.

No licensing or certification requirements apply to this unit at the time of publication.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare for stabilised materials mix design	1.1 Access, interpret and apply stabilised material mix design documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and confirm the stabilised materials mix design project requirements 1.4 Prepare a design plan which makes best use of the available resources and meets the design requirements
2. Undertake the stabilised materials mix design	2.1 Interpret and analyse data and identify viable options for the design 2.2 Interpret and analyse data and recommend the preferred option 2.3 Complete the stabilised materials mix design 2.4 Prepare a cost estimate for executing the designed stabilised materials mix

	2.5 Participate in the review of the stabilised materials mix design with peers and stakeholders 2.6 Complete the documentation of the stabilised materials mix design 2.7 Monitor and coordinate the progress of other team members involved in the design process 2.8 Gain design approval
3. Finalise stabilised materials mix design	3.1 Ensure filing of design records is completed 3.2 Complete and submit design cost and other reporting 3.3 Participate in performance review of the design process 3.4 Seek client feedback and contribute to the verification of the design 3.5 Close out all systems
4. Support and review the application of the stabilised materials mix design	4.1 Provide clarification and advice to those applying the design 4.2 Review the application of the design and recommend changes for continuous improvements 4.3 Contribute to the validation of the design

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIICWD522A Prepare stabilised material mix design

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>