



Australian Government

RIICRC302D Place and form concrete kerb, channel and fixtures

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIICRC302A Place and form concrete kerb, channel and fixtures
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 place and form concrete kerb, channel and fixtures in Civil Construction.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare to place and form concrete kerb, channel and fixtures	1.1 Access, interpret and apply concrete kerb, channel and fixtures documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear correct personal protective equipment appropriate for work activities
2. Set out and prepare for construction/	2.1 Identify and protect existing services to prevent damage 2.2 Set out location of kerb, channel and/or fixtures to dimensions

installation	<p>from drawings and specifications or to pre-set pegs</p> <p>2.3 Set out driveways and other inverts</p> <p>2.4 Check grades to ensure correct fall</p> <p>2.5 Construct formwork and check to ensure compliance with specifications</p> <p>2.6 Complete services and conduit preparation in accordance with relevant procedures</p>
3. Form kerb and barrier strips	<p>3.1 Maintain vertical and horizontal alignment during concrete placement</p> <p>3.2 Place concrete accurately to string line</p> <p>3.3 Maintain concrete to specified standard</p> <p>3.4 Mix and apply mortar at quality and quantity to achieve specified finish</p>
4. Pour concrete to installed formwork	<p>4.1 Place and compact concrete into formwork</p> <p>4.2 Finish surface to alignment specifications</p> <p>4.3 Remove face formwork without damage to concrete following concrete set</p>
5. Finish kerbs, channels and fixtures	<p>5.1 Finish job to shape in accordance with specifications or to the relevant Australian standard</p> <p>5.2 Finish concrete to specified quality and texture</p> <p>5.3 Position expansion, construction and dowel joints to specification</p> <p>5.4 Cure and protect finished work during process</p>
6. Install pre-cast concrete units	<p>6.1 Prepare base section and finish to specification for pre-cast unit installation</p> <p>6.2 Install and join pre-cast concrete units</p>
7. Repair kerb, gutters and median, barrier strips	<p>7.1 Identify damaged areas, assess repair requirements and carefully remove or repair damaged section</p> <p>7.2 Set up formwork or slip form machine and use to replace removed section</p> <p>7.3 Place concrete accurately to correct alignment using concrete to the specified mix</p> <p>7.4 Finish concrete to specification matching the shape of the kerb or gutter in place</p> <p>7.5 Clear, backfill and finish area</p>

8.	Clean up	8.1	Clear work area and dispose of or recycle materials
		8.2	Clean, maintain, check and store tools and equipment

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

RIICRC302A Place and form concrete kerb, channel and fixtures

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>