



**Australian Government**

# **RIICCM204D Place and fix reinforcement materials**

**Release: 3**

## RIICCM204D Place and fix reinforcement materials

### Modification History

Release	Comment
1	This unit replaces RIICCM204A Place and fix reinforcement materials.
2	Editorial corrections Amended Performance Evidence.
3	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 fix reinforcement materials 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 for placing and fixing reinforcement materials	<p>1.1 Access, interpret and apply reinforcement materials documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret clarify and confirm work requirements</p> <p>1.3 Identify, obtain and implement traffic signage/barricade requirements</p> <p>1.4 Select, and check for faults, equipment/tools for work activities</p> <p>1.5 Check stock of required reinforcement materials</p> <p>1.6 Identify and apply environmental protection requirements</p> <p>1.7 Select and wear correct personal protective equipment</p> <p>1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Reinforcement preparation	<p>2.1 Check formwork for completion and conformity to receive reinforcement</p> <p>2.2 Cut and bend reinforcement bars to required set out and plans/specifications</p> <p>2.3 Tie bars to designed configuration</p> <p>2.4 Cut reinforcement sheets to required sizes</p> <p>2.5 Attach stiffening rods to panels as required to facilitate handling processes</p> <p>2.6 Locate bar chairs/spacers to requirements of reinforcement schedule and plans/specifications</p>
3. Place and fix reinforcement	<p>3.1 Place fabric reinforcement sheets into position in accordance with engineer's drawings and specifications</p> <p>3.2 Locate and position reinforcement bars</p> <p>3.3 Locate and place reinforcement using bar chairs, ligatures and spacers</p> <p>3.4 Ensure reinforcement material is supported and secured into position</p> <p>3.5 Secure cast-in items to reinforcement</p> <p>3.6 Cover and protect ends of protruding reinforcement material</p>
4. Check reinforcement prior to concrete pour	<p>4.1 Check location and position of reinforcement and fixing ties to reinforcement for accuracy</p> <p>4.2 Check depth of coverage, clearance, spacing and overlap of reinforcement material in accordance with engineer's drawings/job</p>

	specifications
5. Conduct housekeeping activities	<p>5.1 Clear work area and dispose of or recycle materials</p> <p>5.2 Clean and maintain condition of equipment, ensure suitability for use, and address/report issues</p> <p>5.3 Manage/report hazards, and maintain a safe working environment</p> <p>5.4 Process written records</p>

## 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

RIICCM204A Place and fix reinforcement materials

## Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>