



Australian Government

RIICCM207D Spread and compact materials manually

Release: 3

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Modification History

Release	Comment
1	This unit replaces RIICCM207A Spread and compact materials manually.
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 spread and compact materials manually 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 manually spreading and compacting materials	<p>1.1 Access, interpret and apply spreading and compacting 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 and address potential risks, hazards and environmental issues, and implement control measures</p> <p>1.4 Select and wear personal protective equipment appropriate for work activities</p> <p>1.5 Identify, obtain and implement traffic signage requirements</p> <p>1.6 Select, and check for faults, equipment and/or attachments for work activities</p> <p>1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Conduct compaction machine operational checks	<p>2.1 Carry out pre-start, start-up and shutdown procedures</p> <p>2.2 Check machine controls and functions for serviceability, and rectify or report any faults</p>
3. Spread and compact materials	<p>3.1 Conduct basic field identification test and identify material type</p> <p>3.2 Direct trucks to required location for loading/dumping</p> <p>3.3 Direct delivered/relocated materials to correct location</p> <p>3.4 Check manufactured material for segregation</p> <p>3.5 Conduct field test to ensure material moisture is suitable</p> <p>3.6 Direct machine operator to spread materials to specified levels</p> <p>3.7 Finish materials by hand to specified levels</p> <p>3.8 Operate mechanical compaction equipment and consolidate materials into layers</p> <p>3.9 Conduct field test to ensure compaction has been achieved in restricted locations</p>
4. Conduct housekeeping activities	<p>4.1 Clear work area and dispose of or recycle materials</p> <p>4.2 Clean and maintain condition of equipment, ensure suitability for use, and address/report issues</p> <p>4.3 Manage/report hazards, and maintain a safe working environment</p> <p>4.4 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

RIICCM207A Spread and compact materials manually

Links

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