



**Australian Government**

# **Assessment Requirements for RIICCM207D Spread and compact materials manually**

**Release: 2**

## Assessment Requirements for RIICCM207D Spread and compact materials manually

### Modification History

Release	Comment
1	This unit replaces RIICCM207A Spread and compact materials manually.
2	Editorial corrections; amended Performance Evidence.

## Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of the manual spreading and compacting of materials including:
  - selecting and using relevant tools/equipment
  - carrying out equipment pre-start, start-up and shutdown
  - conducting practical field tests for moisture content, shrinkage and compaction
  - communicating effectively to direct operators
- works effectively with others to undertake and complete the manual spreading and compacting of materials that meets all of the required outcomes including:
  - using a range of communications techniques and equipment to convey information to others
  - complying with written and verbal reporting requirements and procedures
  - demonstrates consistent timely completion of manual spreading and compacting of materials that safely, effectively and efficiently meets the required outcomes on a minimum of three (3) separate occasions including:
    - completing the hand spreading and the mechanical (hand operated) compaction of two (2) different material types to site specification
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## Knowledge Evidence

The candidate must demonstrate knowledge of the following when spreading and compacting materials manually:

- accessing, interpreting and applying the organisation and site requirements and procedures for:
  - using JSAs/JSEA/safe work methods
  - achieving project quality outcomes
  - identifying and reporting on hazards related to the worksite and work activity
  - applying materials handling methods and using safety data sheets
- organising work activities
- using relevant tools and equipment safely
- identifying hand operated mechanical compaction machine types, characteristics, technical capabilities and limitations
- applying basic principles of soil technology for civil works
- identifying basic soil compaction theory including the effects of moisture and mechanical interlock
- identifying site isolation and traffic control responsibilities and authorities
- using civil construction terminology
- completing housekeeping activities

## Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated environment provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills; and,
- this unit must be assessed using Resources and Infrastructure Industry sector specific policies, procedures, processes and operational manuals; and,
- an assessor must demonstrate the skills and knowledge of this unit through five (5) years' work experience in the Industry sector; and,
- where the assessor does not have current experience a co-assessment or partnership arrangement needs to exist between the qualified assessor and an Industry technical expert/ subject matter expert. The Industry technical expert/subject matter expert must hold the unit being assessed and be currently working in the sector with a minimum of two (2) years' of current work experience.

## Links

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