



**Australian Government**

# **Assessment Requirements for RIICBS202D Hand spread asphalt**

**Release: 1**

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### **Modification History**

Not applicable.

## 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 legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient hand spreading of asphalt including:
  - selecting and using required tools and equipment
  - hand spreading asphalt to the required level and even finish
  - constructing joints to correct level
  - repairing low spots and high spots
  - identifying and reporting faults in the mat
- works effectively with others to undertake and complete the hand spreading of asphalt that meets all of the required outcomes including:
  - organising work activities to meet all task requirements
  - communicating clearly and concisely with others to receive and clarify work instructions
  - using a range of communication techniques and systems such as signage to advise others of work activity and exclusion zone
- demonstrates consistent timely completion of hand spreading of asphalt that safely, effectively and efficiently meet all of the required outcomes on a minimum of three (3) separate occasions including:
  - identifying, reporting and recording hazards and risks
  - a minimum of 5m<sup>2</sup> of asphalt (per patch) to line and level is to be hand spread without segregation:
    - two patches over 50mm thick, each with a different type of asphalt
    - two patches under 50mm thick, each with a different type of asphalt
  - work with a paver to lay a minimum of 100 lineal metres of longitudinal joint and two transverse joints
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## Knowledge Evidence

The candidate must demonstrate knowledge of hand spreading asphalt through:

- applying legislative, organisational and site requirements and procedures for:
  - site and equipment safety requirements
  - hand spreading asphalt
  - the properties of asphalt
  - calculation of material requirements
  - project quality requirements
  - housekeeping
- equipment types, characteristics and limitations
- applying operational and maintenance procedures
- applying site isolation and traffic control responsibilities and authorities

- AAPA code of practice for working with SBS modified binders
- safety data sheets and materials handling methods
- implementing JSAs/JSEA/safe work method statements
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## **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 must be assessed in the context of this sector's work environment; 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.
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## **Links**

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