



**Australian Government**

# **RIISS00030 Explosion Protected Diesel Engine Systems Maintenance Skill Set**

**Release: 1**

# RIISS00030 Explosion Protected Diesel Engine Systems Maintenance Skill Set

## Modification History

Not applicable.

## Skill Set Description

## Pathways Information

This Skill Set provides a career development opportunity for experienced persons or tradespersons carrying out maintenance on explosion protected diesel engine systems used in underground coal mines.

## Licensing/Regulatory Information

Licensing, legislative, regulatory and certification requirements that apply to this Skill Set can vary between States, Territories, and industry sectors. Relevant information must be sourced prior to application of the Skill Set.

## Skill Set Requirements

Successful completion of seven (7) units of competency listed below:

RIIDES301D	Inspect, test and maintain diesel engine systems and their ancillary systems
RIIDES302D	Inspect, test and maintain joints on diesel engine systems
RIIDES303D	Inspect, test and maintain cooling systems on diesel engine systems
RIIDES304D	Inspect, test and maintain inlet systems on diesel engine systems
RIIDES305D	Inspect, test and maintain exhaust systems on diesel engine systems
RIIDES306D	Inspect, test and maintain safety shutdown systems on diesel engine systems
RIIDES307D	Test, determine the cause and rectify excessive emission levels on diesel engine systems

## **Target Group**

This Skill Set is for individuals conducting maintenance on explosion protected diesel engine systems for vehicles used in underground coal mines.

This Skill Set is suitable for persons with a metal, mechanical, electrical or automotive trade, mechanical or electrical engineering qualification.

## **Suggest words for Statement of Attainment**

This Skill Set from the Resources and Infrastructure Industry Training Package meets the industry requirements for those aiming to perform maintenance on explosion protected diesel engine systems used in underground coal mines.