



Australian Government

AUMATS001 Stamp and press vehicle parts

Release: 1

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Modification History

Release	Comment
Release 1	Unit updated to reflect the new standards for Training Packages Replaces AUMATS2001 Stamp and press parts

Application

This unit describes the performance outcomes required to safely and efficiently cut blanks, fabricate formed vehicle parts, and change over dies.

It applies to those in an automotive manufacturing environment and involves the application of skills and knowledge at a production worker level.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Competency Field

Common

Unit Sector

Technical - Fabrication

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section
1. Plan and prepare	1.1 Work instructions and job specifications are identified and confirmed 1.2 Tools and equipment for the job are inspected and identified faults are rectified or reported 1.3 Materials list is interpreted and materials are selected and prepared
2. Cut blanks to size	2.1 <i>Workplace procedures</i> are identified

Elements	Performance Criteria
	2.2 Cutting equipment is set and adjusted to specifications to minimise waste 2.3 Blanks are cut to specification, sorted, stacked and recorded for production purposes and transportation
3. Fabricate formed parts	3.1 Pre-prepared materials are selected and loaded according to job specifications 3.2 Formed parts are pressed and checked for specification and quality 3.3 Faulty parts are marked and recorded according to workplace procedures
4. Maintain and change over dies	4.1 Die surfaces are cleaned and inspected, with defective dies identified for repair or disposal, and appropriate personnel notified 4.2 Die is removed from press, covered to protect surfaces, and stored 4.3 Change-over die is fitted to the press according to set-up procedure and tested to specification
5. Complete work processes	5.1 Tools and equipment are cleaned, inspected, maintained and stored according to workplace procedures 5.2 Faulty or damaged dies and equipment are identified, tagged and reported according to workplace procedures 5.3 Work area is cleaned, and materials disposed of or recycled according to workplace procedures 5.4 Workflow and production schedule reports are completed

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Skills	Description
Reading skills to:	- identify work instructions and job specifications - identify material lists - read equipment set-up and operating procedures - identify production schedules and workplace documents.
Writing skills to:	- legibly complete faulty equipment tags - complete workflow and production schedule documentation - mark damaged dies.
Oral communication skills	speak clearly and directly in order to inform appropriate

to:	personnel of production problems.
Numeracy skills to:	• interpret job instructions and specifications • measure components and equipment to determine compliance with specifications • count number of required blanks according to job specifications and work instructions.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Workplace procedures</i> must include:	• quality standards • recording and reporting • use of equipment and operating instructions • work health and safety (WHS) requirements.
<i>Cleaned</i> must include the use of:	• detergents • solvents • washes.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>