



Rewarding Learning

General Certificate of Secondary Education
January 2014

Engineering

Paper 2

Assessment Unit 3

assessing

Engineering Technology

[GEE32]



WEDNESDAY 15 JANUARY, AFTERNOON

Centre Number

| | |
|----|--|
| 71 | |
|----|--|

Candidate Number

| |
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|--|

TIME

1 hour.

INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.

Write your answers in the spaces provided in this question paper.

Answer **all** parts of the one question in this paper.

The paper should be answered in relation to the Pre-Release Material.

You will be provided with a new copy of the Pre-Release Material.

You should **not** bring any of the material previously issued, or any notes made into this examination.

INFORMATION FOR CANDIDATES

The total mark for this paper is 40.

Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.

Quality of written communication is assessed in **(h)** and **(i)**.



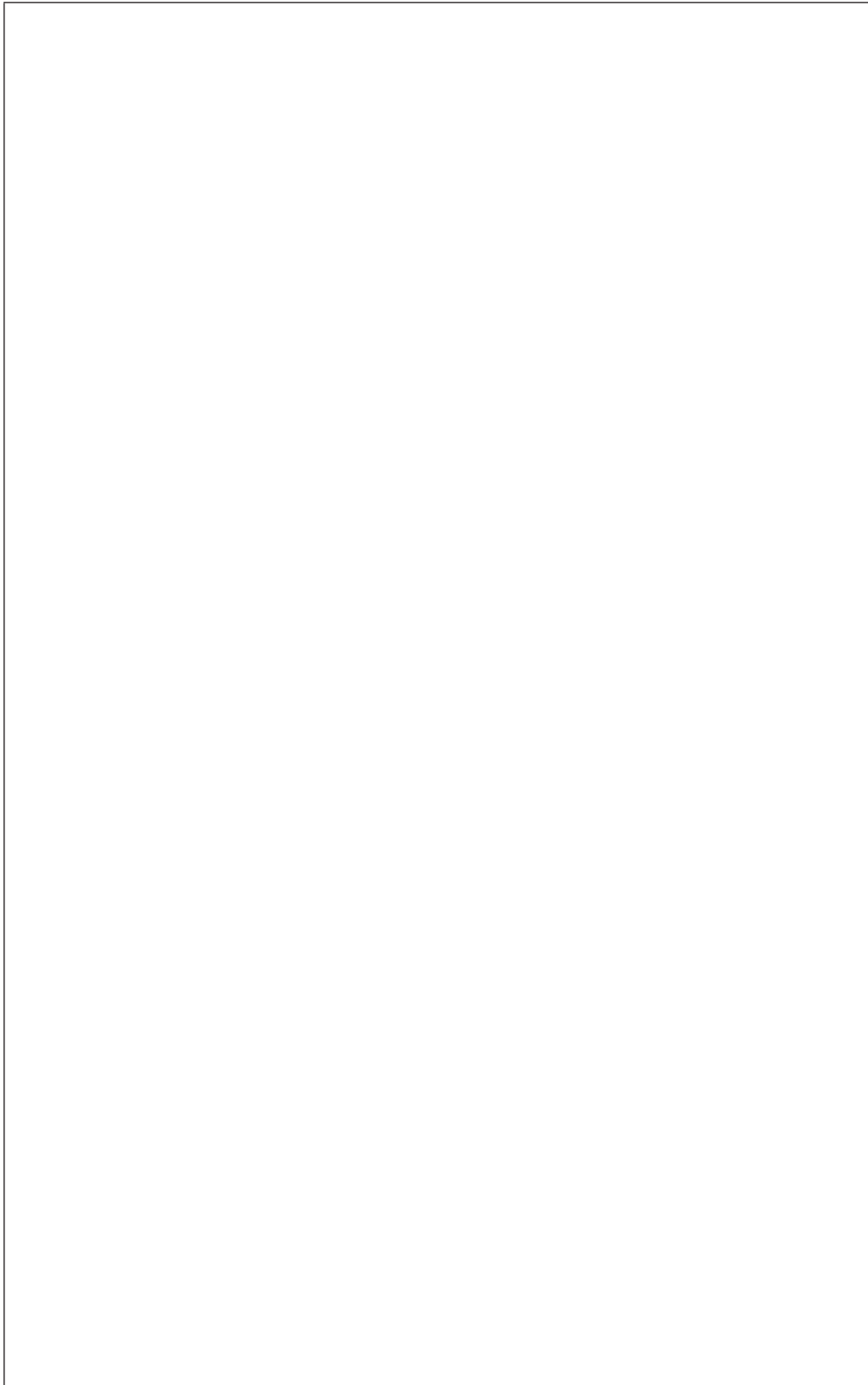
| For Examiner's use only | |
|-------------------------|-------|
| Question Number | Marks |
| (a) | |
| (b) | |
| (c) | |
| (d) | |
| (e) | |
| (f) | |
| (g) | |
| (h) | |
| (i) | |

| | |
|-------------|--|
| Total Marks | |
|-------------|--|

(h) In the box below using annotated sketches and the correct terminology show how the four sides of the Taylor Continental 1100 bin are attached and held together.

Marks will be awarded for

- Detail contained in sketches [4]
- Quality of sketches [3]
- Detailed notes [3]



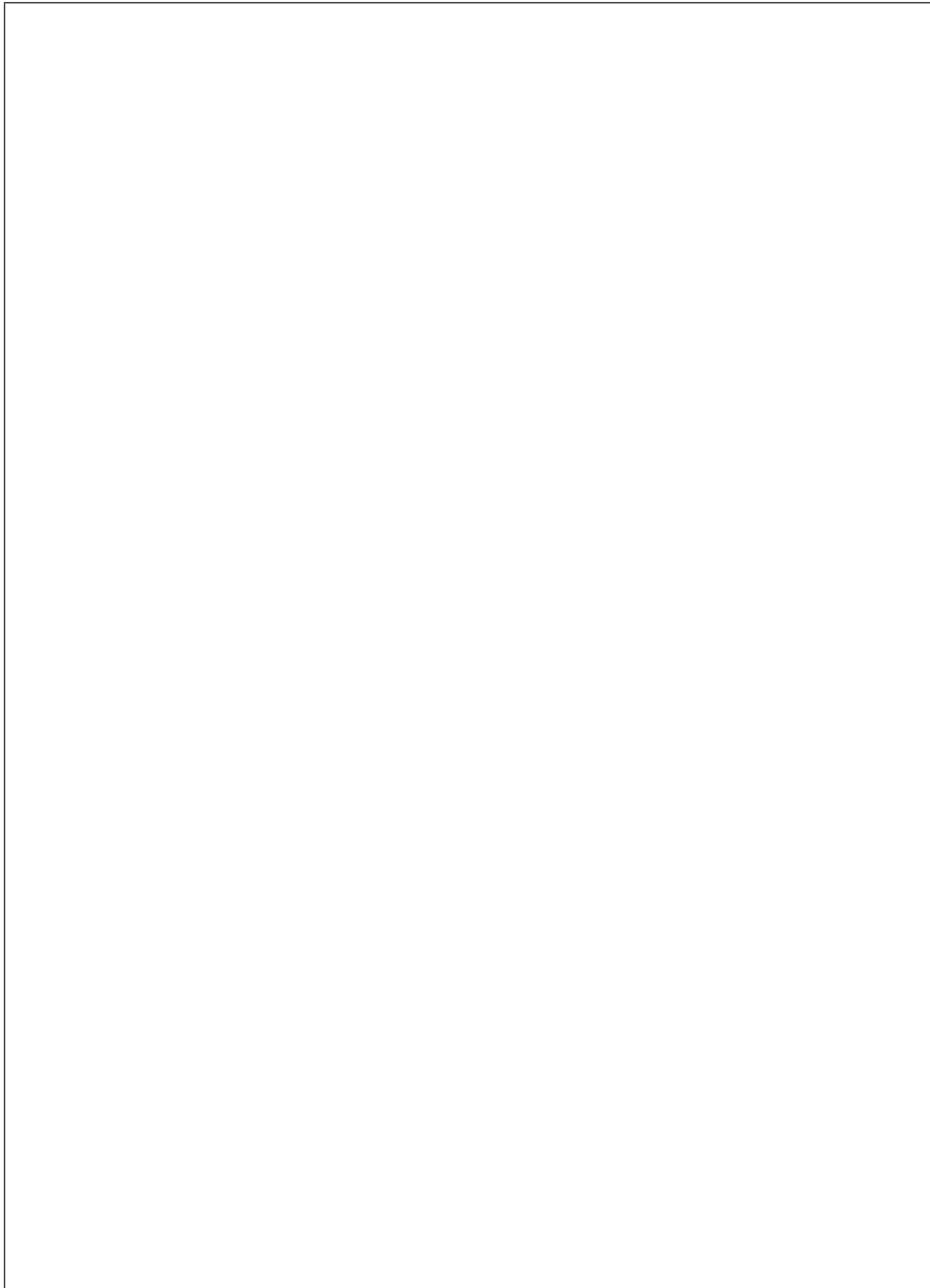
[10]

| Examiner Only | |
|---------------|--------|
| Marks | Remark |
| | |

(i) In the box below using annotated sketches and the correct terminology show how a hydraulic press is used to manufacture the sides of the Taylor Continental 1100 bin.

Marks will be awarded for

- Detail contained in sketches [4]
- Quality of sketches [3]
- Detailed notes [3]



[10]

THIS IS THE END OF THE QUESTION PAPER

| Examiner Only | |
|---------------|--------|
| Marks | Remark |
| | |

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Rewarding Learning

General Certificate of Secondary Education
2014

Engineering

Pre-Release Material
EXAMINATION COPY

Paper 2

Assessment Unit 3

assessing

Engineering Technology

[GEE32]

JANUARY 2014 AND SUMMER 2014



You must use **this** clean copy of the Pre-Release Material in the examination and **not** your own annotated copy.



Engineering Technology Pre-Release Material

The image below shows a Taylor Continental 1100 bin.



© Copyright Taylor Bins 2010-2012. Reproduced by permission of Egbert H. Taylor & Co Ltd.

Description

Built to EN840 standards the award-winning Continental range is established as the industry standard for waste and recycling containers. This workhorse of the waste industry offers unrivalled size and capacity options, from 500 litres to 1280 litres. The body of the bin ensures robust protection in the harshest of environments, and protects the container from internal corrosion due to residual waste being caught in exposed corners.

Features include:

- Swivel castors.
- Available in different sizes.
- Welded seams.
- Sump base for improved rigidity and stability with drain plug as standard.
- Comb lifting bar.