



Oxford Cambridge and RSA

Diploma in Engineering Level 2

OCR Diploma H810 Level 2 Principal Learning in Engineering Unit F552
Unit Recording Sheet

Please read the instructions printed at the end of this form. **One** of these sheets, suitably completed, should be attached to the assessed work of **each** candidate.

Unit Title	Construct electronic and electrical systems	Unit Code	F552	Session	Jan / June	Year	2	0		
Centre Name						Centre Number				
Candidate Name						Candidate Number				

Marking Criteria – total marks for this unit is 30						Teacher Comment	Page
Ref	Band 1	Band 2	Band 3			Mark	
1.1 1.2	Stated the basic electronic and electrical principles; worked in a safe manner [0 1 2]	Described the basic electronic and electrical principles; considered the safety of others [3 4]	Accurately applied electronic and electric principles; has demonstrated a good understanding of safe working procedures [5 6]				
2.1 2.2 2.3	Outlined the operating principles of a range of electronic and electrical components [0 1 2]	Described the operating principles of a range of electronic and electrical components [3 4]	Successfully applied the operating principles of a range of electronic and electrical components [5 6]				
3.1	Considered and suggested different electronic and electrical circuit arrangements [0 1 2 3 4]	Explained the reasons for selection of electronic and electrical circuit arrangements [5 6 7 8]	Designed and successfully prototyped electronic and electric circuits [9 10 11 12]				

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Ref	Band 1	Band 2	Band 3						Mark				
4.1	Identified appropriate testing method for testing electronic and electric circuits; used simple calculations to predict circuit test data [0 1 2]	Carried out testing of electronic and electrical circuits and recorded data findings; used complex calculations to predict circuit test data – voltage current [3 4]	Used test results to prove operation or identify circuit modifications to enable correct operation; used and tested complex calculations to prove the use of alternative components or circuit change based on the data findings [5 6]										
									Total/30				
If this work is a re-sit, please tick		Session and Year of previous submission		Jan / June	2	0				Please tick to indicate this work has been standardised internally			

Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website (www.ocr.org.uk).

Guidance on Completion of this Form

- 1 **One** sheet should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- 3 Please enter *specific* page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
- 4 Circle the mark awarded for each strand of the marking criteria in the appropriate box and enter the circled mark in the final column.
- 5 Add the marks for the strands together to give a total out of 30. Enter this total in the relevant box.