# bmm testlabs

# TEST CERTIFICATE

### for

## PRCC Ballot Formality Software for State Elections

Submitted to: **NSW Electoral Commission**

Submitted on: **20 February 2023**

This is to certify that the below PRCC **Ballot Paper Data Entry module** determines the formality of ballots in State Government elections as directed by in the NSW legislation *"Electoral Act 2017 (165)"*.

This certification is valid for the software :-
- PRCC Server (Other Module) version: 1.1.36.0
- PRCC Client (Other Module) version: 5.0.16.0

An instance of the PRCC system is configured for the election types as required for the state Legislative Assembly(LA), the state Legislative Council(LC), and for local government(LG) councillors and mayors. The scope of this certificate is limited to state government elections. This certification remains valid for later versions of PRCC on the proviso later versions are built with the certified BPFormalityRules.cs[1] code file.

BMM reviewed the NSW Electoral Commission PRCC specification documents below for compliance with the legislation and found no issues with the logical design.
- *"fs_ch14 LCLG Formality Rules for Data Entry v2.0.docx"*
- *"fs_ch15 LA Formality Rules for Data Entry v2.2.docx"*

BMM verified that the certified **Ballot Paper Data Entry module** correctly implement the documented formality rules for ballots in the database. For ballots selected for data entry into the PRCC database, any ballot paper markings against a candidate are data-entered if the marking can be interpreted as an integer, a tick, or a cross. Other markings on the ballot are ignored during data entry and then formality rules are applied to the ballot record to determine if the ballot record is either Formal or Informal. In BMM's opinion, the above **Ballot Paper Data Entry module** complies with all requirements of the legislation.

Johnathan Shaw
**Senior Consultant, BMM Testlabs**

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[1] The SHA256 file hash of the certified code file BPFormalityRules.cs code is :-
BE99E79519A23EE158C10D6B22CF0CC0A9BA7CC6B1213749C51C2088CD33C5A5

# TEST CERTIFICATE

### for

## PRCC Count Software for State Elections

Submitted to: **NSW Electoral Commission**

Submitted on: **20 February 2023**

This is to certify that the PRCC system's electronic **Vote Count module** determines State Government elections as directed by the NSW legislation *"Constitution Act 1902 Schedule 6 - Conduct of Legislative Council elections"* and *"Constitution Act 1902 - schedule 7 – Conduct of Legislative Assembly elections".*
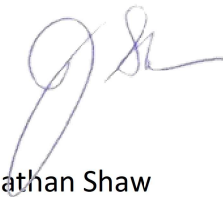
This certification is valid for the software PRCC Server (Count Module) version: 1.0.5.5.

An instance of the PRCC system is configured for the election types as required for the state Legislative Assembly(LA), the state Legislative Council(LC), and for local government(LG) councillors and mayors. The scope of this certificate is limited to state government elections.

BMM reviewed the logical design documented below for compliance with the legislation. No issues were found with the logical design.

- *"Functional Requirements for LA and LG Mayoral OP Vote Count v1.0.docx"* and
- *"Functional Requirements for LC PR Vote Count v5.0.docx"*

BMM verified that the **Vote Count module** correctly implements the above functional specifications. All test scenarios worked as expected with no regulatory non-compliance issues. In BMM's opinion, the **Vote Count module** complies with all requirements of the legislation.

Johnathan Shaw
**Senior Consultant, BMM Testlabs**