

EVM VVPAT

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Election of the Member of Parliament for of constituency] constituency	or the [insert nam	е
Vote for only one candidate by putt box next to your choice	ing a cross	in th
BARBER, Ali		
5 Anytown Close, Anytown AT34 6CY	**	
Pelican Party		
BOOTS, Dusty		
63 Acacia Avenue, Anytown AT33 5XZ	æ	X
League of Line Dancers	00	
CLOVER, Elizabeth Mary		~
9 Seymour Court, Anytown AT12 E34		X
Independent		-
GREY, Earl		
(address in the Anytown Constituency)	*	
Mad Hatter's Tea Party		
HOOD, Robin		
64 Purple Road, Anytown AT12 7HT	\wedge	1
The Forest Party		•
MILLER, Windy	*	
7 Daisy Drive, Anytown AT98 7RK		
Alternative Power Forum		



Using EVM

Stake Holders Participation Accurate Transparency Quick Economy Free and Fair Elections

EVM (Ballot Unit + VVPAT + Control Unit)



Ballot Unit VVPAT Control Unit

History of EVM – 40 Years

> CEC-SL Shakdhar talked about introducing an Electronic machine

EVMs developed and demonstrated by ECIL and BEL

EVMs used first time in 50 polling stations of Parur AC in Keral And then in 11 Assembly Constituencies: 8 states, 1UT

SC suspends EVM usage: cannot be used till RP Act is amended

1988

➢ RP Act amended: enabling use EVMs wef 15/3/1989

> SC dismissed petition asking for return to Ballot papers!

Since 2000, EVMs have been used in all elections: 4 Loka Sabha and 124 State Legislative Assemblies. Till date, >325 crore votes cast on EVMs.



Legal Provisions for the use of EVM

- 1. The Representation of The People Act, 1951- Section 61A
- 2. Conduct of Election Rules, 1961- Rules 49A to 49X- Voting by EVM
- 3. Counting of Votes recorded in EVM- Rules: 50-54, 57, 58-61, 66A
- 4. ECI Instructions on EVM and VVPAT
- 5. Manual on Electronic Voting Machine and VVPAT
- 6. RO Hand Book
- 7. PRO Hand Book

EVM – Carrying Cases



Carrying Case – Control Unit

The Control Unit and Ballot Unit and VVPAT are packed separately in special carrying cases

EVM – Control Unit – Front View



EVM – Control Unit – Sections





EVM Management System (EMS)

- ✓ In house EVM Stock Management Software
- Barcode of every EVM is scanned into EMS every time it moves from one Warehouse to another
- ✓ All EVM Allocations done on EMS
- ✓ FLC status(OK/Rejected) captured in EMS
- \checkmark EVMs Randomisation twice on EMS
- \checkmark EVM sent for repair captured in EMS



EVM Mgt System

Dispersal of Polling Parties



Dispersal of Polling Parties

- ✓ Opening of strong room in the presence of candidates/their agents on the day of dispersal
- Not to test functioning of EVMs and VVPATs at the time of dispersal and before mock poll at polling station.
- Polling Parties can physically check EVMs & VVPATs. However, CU can be switched ON to check battery status, No. of candidates etc.
- Ensure VVPAT knob is in Horizontal position (Transportation mode)
- Ensure VVPAT is not opened in direct Sunlight
- ✓ GPS tracking of movement of vehicles having EVMs/VVPATs



Conduct of Mock Poll

Move Strictly as per the Mock Poll SOP given in PO Handbook

1) 90 before start of Actual Poll if more than 1 polling agent is available, otherwise wait for 15 minutes

MOCK POLL

- 2) At least 01 vote to each candidate button including NOTA
- 3) At least 50 votes cast during mock poll
- 4) Verify electronic count of CU with VVPAT slips
- 5) Stamping and Sealing of mock poll VVPAT slips in black envelope
- 6) Erase mock poll from CU
- 7) Fill Mock Poll Certificate given in Presiding Officer's Report
- 8) Sealing of CU and VVPAT drop box

NOTE: In case of a defective BU or CU or VVPAT at the time of mock poll, only corresponding unit shall be replaced



Poll Day

- ■Sealing of CU and VVPAT after mock poll
- Pressing of CLOSE BUTTON after completion of Poll
- Sealing of BU/CU/VVPAT in respective carrying case after poll
- Replacement Protocol
- Respective Unit during Mock Poll
- Entire Set (BU+CU+VVPAT) in case of Nonfunctional of BU or CU and VVPAT only in case of Non-functional of VVPAT
- Handling of critical situations- no beep sound, no paper cutting, 49MA etc.

Newly designed Pink Paper Seals and Green Paper Seals for sealing of EVMs



Sealing of Result Section of the Control Unit with Green Paper Seal



Poll Day Report from PRO on EVMS & VVPATs

A. Part – I Mock Poll Certificate *

DIRVACHAN SADAN, ASHOKA ROAD, NEW DELHI-110001

Dated: 13th August, 2021

The Chief Electoral Officers of NI States and Union Territories.

eet: Poll Day Report from Presiding Officers on EVMs and VVPATs- Regarding

- B. Part II Replacement of Power Pack of the Control Unit
- C. Part III Pressing of Close Button after Completion of Poll Certificate *
- D. Part -IV EVM/VVPAT Replacement Report (if Replaced During Mock Poll)
- E. Part V EVM/VVPAT Replacement Report (if Replaced During Actual Poll)

PRESIDING	OFFICER'S	REPORT

PART-I: MOCK POLL CERTIFICATE

Name of election:	(to be pre-printed)
No. and Name of AC/AS:	(to be pre-printed)
No. and Name of PC:	(to be pre-printed)
Polling Station No:	

(a) Conduct of mock poll and verification of mock poll data

S. No.	Name of the Candidate (Name of Candidates including NOTA to be pre-printed)	Number of votes cast during mock poll	Number of votes displayed in CU on checking the result	Number of VVPAT printed Paper slips against candidates	Result displayed in CU & Printed Paper Slips count tallied with each other	Signature of polling agents with party abbreviation/In dependent
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PAI	RT-III: PRESSI	NG OF CLOSE BUTTON AFT POLL	TER COMPLETION O
ame of o. & Na o. & Na ate of P umber o It e presen	the Election ame of the AC/AS ame of the PC oll & Name of Polling is certified that I hance of the following	:	(to be pre-printed) (to be pre-printed) (to be pre-printed) (to be pre-printed) (to be pre-printed) (to be pre-printed)
S.	Name & Desig	gnation of the Polling Officer	Signature

After poll

- Press CLOSE button of CU after poll
- Press TOTAL button of CU to note total polled votes in CU and also Poll Start Time (PST) and Poll End Time (PET).
- Switch OFF the CU before disconnecting the cable of BU from VVPAT and VVPAT cable from CU
- Remove Power Pack (Battery) from VVPAT.
- ➢ Keep BU, CU and VVPAT in their respective carrying cases and seal each carrying case with Address Tag and deposit the same in the receiving center.

EXAMPLES OF CRITICAL MISTAKES

Transportation of VVPATs

• Not Locking the paper roll when transporting the VVPAT from one place to another

Dispersal

• Switching on the VVPAT in broad daylight at the time of dispersal as that may cause VVPAT machine to go into error mode.

Mock Poll

- Not pressing the CLOSE button of CU after mock-poll.
- Not matching the mock-poll result of the CU with the VVPAT Paper Slips.
- Non-deletion of mock-poll data from the Control Unit.
- When setting up the EVMs and VVPATs in the polling station, the VVPAT should be positioned so as to avoid direct light from falling on it.
- Do not position the VVPAT near an open window or directly under a bulb or halogen lamp.

During Poll

- Conducting mock poll, in case of replacement of VVPAT only as Mock poll is not required to be conducted in case of only VVPAT being replaced.
- In case of non-functioning of CU or BU replacing only CU or BU. In such case both BU and CU along with VVPAT shall be replaced.
- Non-pressing of CLOSE Button after completion of Poll.
- Damaging any seal of BU/CU/VVPAT.

General

- Do not repeatedly switch ON and OFF the VVPAT as it will deplete the battery as well as paper roll.
- Switch OFF the CU when connecting or disconnecting the EVMs/VVPATs and do not pull the cable for disconnecting.

ERROR

1.Lamp does not glow when the EVM is switched ON.

2. No beep sound and display indication when the EVM is ON.

3. Display shows **INVALID** and a beep sound heard. Battery (power pack) is not fitted properly or it maybe drained.

REASON

The Control Unit is defective and not fit for use.

The button not pressed in proper sequence

REMEDY

Insert the battery (power pack) properly. If the problem persists replace battery.

> Replace the Control Unit with the good one and report to BEL.

Press the button in proper sequence only.

ERROR	REASON	REMEDY
3.1) <i>INVALID</i> When CANDIDATE SET button is pressed.	Ballot or Close button is already pressed	EVM accepts Candidate only when it is cleared.
3.2) <i>INVALID</i> When CLEAR button is pressed.	Previous result not seen.	Press the result button.
3.3 <i>INVALID</i> When BALLOT is pressed	Machine Closed	Follow complete sequence
3.4 INVALID When RESULT is pressed	Machine NOT CLOSED	Press the close Button.

ERROR	REASON	REMEDY	
4. No response to TOTAL button in the Control Unit.	Busy lamp is ON	Allow the voter to record his/her vote.	
5. Ballot button is pressed, Busy lamp does not glow. Instead BU01 NOT RESPONDING appears on the Display Panel and short interrupted beep sound is heard.	Interconnecting cable of BU1 not Connected	Fix the cable properly.	

ERROR	REASON	REMEDY	
6.Display showing ERROR and a beep sound is heard.	Control Unit is defective	Replace the Control Unit	
7. "Pressed Error"	BU Button is struck.	Switch of the CU, gently check the BU Buttons or replace.	
8.INOPERATIVE.	Dysfunctional CU.	Replace CU.	
9.All candidate LED of BU are blinking.	BU is dysfunctional.	Replace BU	



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