

Standardisation of Note Sorting Machines

RBI Requirements



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Summary of Note Sorting Guidelines

Soiling Levels

Other Soilage Parameters

Authenticity

Calibration

Soiling Levels

Denomination	Maximum difference	Density	Minimum Reflectance
Rs. 5	0.07		85 %
Rs. 10	0.07		85 %
Rs. 20	0.06		87 %
Rs. 50	0.06		87 %
Rs. 100	0.05		90 %
Rs. 200	0.05		90 %
Rs. 500	0.04		93 %
Rs. 2000	0.03		95 %

Other Soilage Parameters



Testing and Calibration

NSMs to be tested for accuracy and consistency on a quarterly basis

Recalibrated, if required

A certificate (signed by Bank Officials) to this effect to be maintained for records

Quarterly Test Reporting Format

Denomination	Category of Notes	No. of Notes	Processing result				Total
			Fit	Unfit	Suspect	Reject	
100 (OLD)	Soiled/ Reissue						
	Mutilated						
	Counterfeit						
100 (NEW)	Soiled/ Reissue						
	Mutilated						
	Counterfeit						
200	Soiled/ Reissue						
	Mutilated						
	Counterfeit						
500 (NEW)	Soiled/ Reissue						
	Mutilated						
	Counterfeit						
2000	Soiled/ Reissue						
	Mutilated						
	Counterfeit						

(Signature)
Machine Supplier

(Signature)
NSM Operator

(Signature)
Bank Official

RBI Requirements

Need for certification/conformity assessment for these machines to ensure quality assurance and compliance to statutory provisions

Different types of machines using different types of sensors for authentication as well as sorting, leading to quality of notes issued to public

We believe having standards in place and subsequent certification/ conformity assessment, will provide reliable machines to banks and will act as a control measure towards machines not conforming to our requirements

Thank you

Any Questions, please.

