

Construction of Class "AA" Currency Chests by banks

(Currency Chests located in Basement and Ground floors of the buildings at Metro cities, State capitals and District HQs)
All dimensions in millimetres.

Vault Class		AA	
Application	Wealth level	Medium	
	Risk Level	Medium	
Main Door with time-lock [see IS 11188 (Part 1) For Construction details] to be fixed on front side		Class 'AA'	
Emergency door [see IS 11188 (Part 1) for construction details] if to be provided and fixed on back side as per the layout prepared by the bank's Architect / Structural consultant.		Class 'AA'	
Internal clear usable size without obstructions (HxWxD)		3000x6100x6100, min (400 sq ft)	
Construction shall be done as per the design of the Structural Consultant subject to minimum requirement subject to minimum requirements given here for achieving burglary resistance against attack by common handheld / picking / impact / portable electric / hydraulic / concrete cutting / drilling tools, pressure applying devices, power saws, etc.; fire resistance against gas cutting torch, fluxing road etc.; fire hose stream reheat endurance against exposure to major fire and fire-fighting water stream/ jet etc.	Wall thickness	Or else, larger size as may be required by the user	
	Floor and roof	450, Min	
	Concrete mix (see IS 456)	450, Min	
	Steel grid in walls floor and roof	Bar Dia	340, Min
		Mesh	18
	Twisted tang bars laid with staggered joints and 25 mm overlap, Min,		1 Row in walls, 1 Layer in Floor, 1 Layer in roof
Surveillance passage / patrol corridor		1150, min for front and Back, 750, min for sides	
Security Ventilator (see IS 14387) / Exhaust fan		Height from Floor Level: 2100, Min. Opening Size: 450x450, Max.	
Heating Ventilation and Air Conditioning (HVAC) arrangements		Shall be Provided through plenum chamber attachment to manhole / emergency door.	
Vault Class		AA	
Other security and security and surveillance systems to be provided and installed inside the Vault	Close Circuit Televisions (CCTV) coverage for vault including patrol corridor and other chest areas.	Shall be necessarily provided and always maintained in working order through service contracts and uninterrupted power supply	
	Emergency lighting	Shall be necessarily provided and always maintained in working order through service contracts	
	smoke detection and fire alarm system	Shall be necessarily provided and always maintained in working order through service contracts and uninterrupted power supply	

	fire-fighting systems	Necessary fire-extinguishers for fighting A, B, and C class fire shall be provided and always maintained in working order through service contracts
	Burglar and Security alarm system	sensors for movement / vibration / moisture / heat / smoke / magnetic etc. detection based system capable of automatically raising an alarm using hooters / sirens etc. in the currency chest premises as well as at a remote location whenever the currency chest is attacked, shall be provided and shall be periodically tested and always maintained in good working order through service contracts and uninterrupted power supply.
Other security and surveillance systems to be provided and installed outside the Vault area in Currency Chest Premises.	Fire-fighting systems	Fire-extinguishers and Sprinkler or dry/Wet riser system shall be provided and always maintain in good working order through service contracts.
	CCTV Coverage for peripheral area surrounding the chest premises	Shall be necessarily provided and always maintained in good working order through service contracts and uninterrupted power supply.
	Biometric Access control Systems	Systems for verification of the authority to have access inside vaults shall be necessarily provided and always maintained in working order through service contracts uninterrupted power supply.
	Burglary and security alarm Systems	Burglar and Security alarm system capable of automatically raising audio-visual emergency alarm when actuated manually by the on duty Police Guard shall be necessarily provided periodically tested and always maintained in good working order.
Vault Class		AA
Other measures to be taken for ensuring security and safety of treasure stored in vaults.	Whether armed security guards are required to be posted at chest premises in addition to the police guards provided by State Police?	Not Mandatory
	Police-guard rooms	Rooms with all necessary facilities for the guards to take rest shall be provided near the strong room.
	Whether cell-phones to be given to the security-guards guarding the vaults?	Not Mandatory
	Whether Auto-dialer, Hotline connections to nearest police Station is required to be provided at chest premises?	Yes
	Insuring the Vaults against terrorist insurent / vandal / mob attack etc.	Insurance is not required if treasure is guarded by State Armed Police guards. In case it is guarded by Ex-servicemen security agencies sponsored by DGR, banks may take insurance cover at their option / cost.