VerificationRuleList

All Categories Used

All security levels present in Table	Security Levels Table, ,

All Entries Unique

Method entries of SSP Zeroization Methods are unique	SSP Zeroization Table, ,
Model/Partnum entries of Tested Hardware are unique	Tested Hardware Table, ,
Name entries of Approved Services are unique	Approved Service Table, ,
Name entries of Authentication Methods are unique	Auth Methods Table, ,
Name entries of Entropy Sources are unique	Entropy Source Table, ,
name entries of Modes of Operation are unique	Mode of Ops Table, ,
Name entries of Non-Approved Services are unique	Non-Approved Service Table, ,
Name entries of Roles are unique	Roles Table, ,
Name entries of Security Function Implementations are unique	SFI Table, ,
Name entries of SSP I/O Methods are unique	SSP Input/Output Table, ,
Name entries of SSPs are unique	SSP Table, ,
Name entries of Storage Areas are unique	Storage Areas Table, ,
Name entries of Supplemental Settings are unique	Supplemental Settings Table, ,
Package/filename entries of Tested Software are unique	Tested Sw/Fw/Hy Table, ,
Section entries of Security Levels are unique	Security Levels Table, ,
State Name entries of Error States are unique	Error State Table, ,

All Entries Used

All Auth Methods Used in Role Table	Auth Methods Table, Roles Table,
All SFIs Used in Approved Services Table	SFI Table, Approved Service Table,
All SSPs Input-Output Methods Used in SSPs Table	SSP Input/Output Table, SSP Table,
All SSPs Used in Approved Services Table	SSP Table, Approved Service Table,

Enum Constraints

All Logical Interfaces in Ports/Interface Table	Port/Interface Table, ,

Foreign Key Constraints

Algos from Non Approved Services List are in Non Approved Algo List	Non-Approved Service Table, Non-Approved Algos Table,
Auth Methods in Roles List are in Auth Methods List	Roles Table, Auth Methods Table,
Established By in SSPs are in SFIs	SSP Table, SFI Table,
From Storage Areas in SSP Input-Output Methods List are in Storage Areas List	SSP Input/Output Table, Storage Areas Table,
GeneratedBy in SSPs are in SFIs	SSP Table, SFI Table,
Inputs/Outputs in SSP List are in SSP Input-Output Methods List	SSP Table, SFI Table,

Roles in Approved Service List are in Roles List	Approved Service Table, Roles Table,
SFI/Algos in SSP Input-Output Methods List are in Algos or SFIs	SSP Input/Output Table, Approved Algos Table, SFI Table
SFIs in Approved Service List are in SFI List	Approved Service Table, SFI Table,
SSPs in Approved Service List are in SSP List	Approved Service Table, SSP Table,
Storage Area Name in SSP List are in Storage Areas List	SSP Table, Storage Areas Table,
To Storage Areas in SSP Input-Output Methods List are in Storage Areas List	SSP Input/Output Table, Storage Areas Table,
Used By in SSPs are in SFIs	SSP Table, ,
Zeroization Method Name in SSP List are in Zeroization Method List	SSP Table, SSP Zeroization Table,
General Data Constraint	
For Hardware Modules the Tested Module ID List can't be empty	Tested Hardware Table, ,
For SwFwHy Modules the Tested Module ID List can't be empty	Tested Sw/Fw/Hy Table, ,
For SwFwHy Modules the Tested OE List can't be empty	Tested OE Table, ,
Overall security level = min of all the levels	Security Levels Table, ,
Overall security level = min of all the levels	Security Levels Table, ,
Security Level for Sections 1-2-3-4-9-10-11 can't be N/A (0)	Security Levels Table, ,
Intra-Data Consistency	
Module Count Equals Number of Rows	Module Count, Tested Hardware Table, Tested Sw/Fw/Hy Table