

AV Config Sheet (VBA-Excel Project) Tables and their descriptions

01-16-2026

Not a Table, just cells that were initially used to store information for original code to read during validations (with the +10-20 .Bas files), worked specifically with Phase 2B reviews, but during refactoring and standardization for use outside Phase 2B causes configurability issues and easy breaks.

A	B	C	D	E	F	G	H	I
Columns		Dev Function Names	Table Reference Name	Error Message Table Name	Dual Data Field	Error Format	Default Format	Auto-Corre
Name	Value							
DataSheetName	B - Buildings-Bâtiments							
StartingRow	5	End Row	3000					
AOID Column	A	IsBuildingColumn	AN					
GIWQuantity	Y	GIWQuantity		GIWQuantityErrors	TRUE	Test	Test	Test
GIWIIncluded	X	GIWIIncluded	GIWValidationTable		TRUE	Test	Test	Test
Electricity	AB	Electricity	ElectricityPairValidation		TRUE	Test	Test	Test
Electricity Metered	AC	Electricity_Metered	ElectricityPairValidation		TRUE	Test	Test	Test
Plumbing	AG	Plumbing	PlumbingPairValidation		TRUE	Test	Test	Test
Water Metered	AH	Water_Metered	PlumbingPairValidation		TRUE	Test	Test	Test
Heat Source	AD	Heat_Source	HeatSourcePairValidation		TRUE	Test	Test	Test
Heat Metered	AE	Heat_Metered	HeatSourcePairValidation		TRUE	Test	Test	Test
Construction_Date	I	Construction_Date			FALSE			

All Tables in Config - Some are legacy, some were reworked, relevant comments included above header including table names

Table Name: AutoCheckDataValidationTable

Locked Menu Validations Verifications - For non-Smart Checked Columns.

Column Name	Column Name (FR)	ReviewSheet Column Name	MenuField Column (EN)	MenuField Column (FR)	AutoCheck	AutoComment Column
Building Type	Type de Bâtiment	Building Type	Building Type	Type de Bâtiment	TRUE	National Review Comments
Main Usage Type	Type d'util. Principal	Main Usage Type	Main Usage Type	Type d'util. Principal	TRUE	National Review Comments
Region	Région	Region (Province)	Region	Région	TRUE	National Review Comments
Country	Pays	Country	Country	Pays	TRUE	National Review Comments
Det/Sec	Détachement/Section	Detachment / Section	Detachment / Section	Détachement/Section	TRUE	National Review Comments
RP Ops Unit Commander	Commandants d'unité d'Ops Imm	RP Ops Unit	RP Ops Unit	Commandants d'unité d'Ops Imm	TRUE	National Review Comments
Asbestos Present	Présence d'amiant	Asbestos Present	Asbestos Present	Présence d'amiant	FALSE	National Review Comments
APS/UPS	AEA/AEI	APS/UPS	APS/UPS	AEA/AEI	TRUE	National Review Comments
Steam Metered	Compteur de chaleur	Steam Metered	Steam Metered	Compteur de vapeur	TRUE	National Review Comments
Barrier Free - Access - Mobility Access	Accès sans obstacle - Accessibilité Mobile	Barrier Free Access - Mobility Acc	Barrier Free Access - Mobility Acc	Accès sans obstacle - Accessibilité	TRUE	National Review Comments

TableName:

UserLanguageSelectedTbl

(Simply to used for default messages returned on sheet - Values of Français and English possible)

Why in a table? Depending on review, value below is linked to another datafield which is set by the user in a separate sheet

Previously retrieved from

Config!M1

Language
English

Table Name:

AutoFormatOnFullValidation

Format to Copy/Detect during Validation.

AOID (Validation Range Key Column)

Format Priority level (detect and apply on pass)

Formatting Key	Autoformatting	KeyFlagPriority
Error	Error	3
Autocorrect	Autocorrect	2
Default	Default	1

Table Name:
AutoValidationCommentPrefixMappingTable
AutoValidation - Function Mapping - Comments

Dev Function Names	Drop in Column	Prefix to message	(FR) Prefix to message	RuleTableName	AutoValidate	ReviewSheet Column Header
GIWQuantity	National Review Comments	Gender Inclusive Washrooms - Qu Toilettes Inclusives - Inclus	GIWValidationTable	TRUE	Gender Inclusive Washrooms - Quantity	
GIWIIncluded	National Review Comments	Gender Inclusive Washrooms - Inc Toilettes Inclusives - Quantité GIWValidationTable		TRUE	Gender Inclusive Washrooms - Included	
Electricity	National Review Comments	Electricity	Électricité	ElectricityPairValidation	TRUE	Electricity
Electricity_Metered	National Review Comments	Electricity Metered	Électricité Mesurée	ElectricityPairValidation	TRUE	Electricity Metered
Plumbing	National Review Comments	Plumbing	Plomberie	PlumbingPairValidation	TRUE	Plumbing
Water_Metered	National Review Comments	Water Metered	Compteur d'eau	PlumbingPairValidation	TRUE	Water Metered
Heat_Source	National Review Comments	Heat Source	Source de chaleur	HeatSourcePairValidation	TRUE	Heat Source
Heat_Metered	National Review Comments	Heat Metered	Compteur de Chaleur	HeatSourcePairValidation	TRUE	Heat Metered
Construction_Date	National Review Comments	Construction Date	Date de construction		TRUE	Construction Date

Table Name: BuildingTypeCommonErrorTbl

Building Type Common Fix Dictionary -> No implementation/Code yet, this was the next step in the code, to fix common errors automatically under the Building Type column (corrections applicable in both FR and EN)

Error Value	Corresponding Value
Rec Facility	Recreation Facility
Storage Low Bay	Storage LowBay
Storage High Bay	Storage HighBay
Industrial Plant Light	Ind Plant Light
Industrial Plant Heavy	Ind Plant Heavy

TableName: BuildingTypeReplacement

Table to be deleted - Replaced by

BuildingTypeCommonErrorTbl

Building Type - AutoUpdate and correct

ReplacementValue	Assigned
Rec Facility	Recreation Facility
Storage Low Bay	Storage LowBay
Storage High Bay	Storage HighBay
Industrial Plant Light	Ind Plant Light
Industrial Plant Heavy	Ind Plant Heavy

DDMFieldsInfo

No longer needed if pointing directly to EN/FR

Tables -> AutoCheckDataValidationTable

DDM-Fields	Values
Locked Menu Field Sheet	C - Menu-Locked-Vérouillé
Starts on Row 6	
End Row	263

Table Name: ElectricityPairValidation

Electricity Valid Pairs (AutoCorrect_IncludedMessage may not be useful here,
probably legacy Column that can be removed)

Input A	Input B	AutoCorrect (TRUE/FALSE)	Corrected A (Optional)	Corrected B (Optional)	AutoCorrect_IncludedMessage
Yes	Yes	FALSE			
Yes	No	FALSE			
No	#	FALSE			
No	No	TRUE	No	#	
Oui	Oui	FALSE			
Oui	Non	FALSE			
Non	#	FALSE			
Non	Non	TRUE	Non	#	
Yes	#	TRUE	Yes	No	
Oui	#	TRUE	Oui	Non	

Table Name: ForceValidationTable

(Previously Pointed to Col Letter)

IsBuildingColumnName	Column
Building	Current Review Result Type
Bâtiment	Current Review Result Type
Unverified	Current Review Result Type
Non vérifié	Current Review Result Type
	Current Review Result Type

Table Name: FullValidationSmartFunctions

Blanket AutoValidation - Smart Functions

Call Functions	Resulting Function Name	AutoValidate
GIWQuantity	Validate_Column_GIWQuantity	TRUE
GIWIIncluded	Validate_Column_GIWIIncluded	TRUE
Electricity	Validate_Column_Electricity	TRUE
Electricity_Metered	Validate_Column_Electricity_Metered	TRUE
Plumbing	Validate_Column_Plumbing	TRUE
Water_Metered	Validate_Column_Water_Metered	TRUE
Heat_Source	Validate_Column_Heat_Source	TRUE
Heat_Metered	Validate_Column_Heat_Metered	TRUE
Construction_Date	Validate_Column_Construction_Date	TRUE

Table Name: GIWValidationTable

GIW-Table Valid Pairs

GIWIIncluded	GIWQuantity
Partially	1
Yes	1
No	0
Not Applicable	#
Oui	1
Partiellement	1
Non	0
Non applicable	#

TableName:
HeatSourceANYRefTable
ANY Heat Source Table
(Matches Input A "ANY" as wild card to
list to specific/valid EN/FR values)

ANY	ANY(FR)
Electricity	Électricité
Gas	Gaz
Oil	Huile
Propane	Propane
Coal	Charbon
Solar	Solaire
Natural Gas	Gaz naturel
Wood	Bois
Diesel	Diesel
Waste heat	Chaleur perdue
Bi-energy	Bi-énergie

TableName: HeatSourcePairValidation

Heat Source Pair

(AutoCorrect_IncludedMessage may not be useful here, probably legacy Column that can be removed)

Input A	Input B	AutoCorrect (TRUE/FALSE)	Corrected A (Optional)	Corrected B (Optional)	AutoCorrect_IncludedMessage
Non chauffé	#	FALSE			
ANY	Yes	FALSE			
ANY	#	TRUE	ANY	No	
Not Heated	#	FALSE			
Installation de chauffag	Oui	FALSE			
Central Heating Plant - Yes		FALSE			
Installation de chauffag	Non	FALSE			
Central Heating Plant - No		FALSE			
ANY	No	FALSE			
ANY(FR)	Oui	FALSE			
ANY(FR)	Non	FALSE			
ANY(FR)	#	TRUE	ANY(FR)	Non	
Not Heated	No	TRUE	Not Heated	#	
Non chauffé	Non	TRUE	Not Heated	#	
Installation de chauffag	#	TRUE	Installation de chauffage centrale - Non		
Central Heating Plant - #		TRUE	Central Heating Plant - *	No	
Not Heated	Yes	TRUE	Not Heated	#	
Non chauffé	Oui	TRUE	Non chauffé	#	

Table Name: MainUsageTypeCommonErrorTable
 Main Usage Type Common Fix Dictionary -> Same intent/use
 as the Building Type Common Fix Dictionary
 (BuildingTypeCommonErrorTbl)

Error Value	Corresponding Value (EN)

TableName: PlumbingPairValidation
 Plumbing Valid Pair
 (AutoCorrect_IncludedMessage may not be useful here, probably legacy Column that can be removed)

Input A	Input B	AutoCorrect (TRUE/FALSE)	Corrected A (Optional)	Corrected B (Optional)	AutoCorrect_IncludedMessage
Yes	Yes	FALSE			
Yes	No	FALSE			
No	#	FALSE			
Oui	Oui	FALSE			
Oui	Non	FALSE			
Non	#	FALSE			
Oui	#	TRUE	Oui	Non	
Yes	#	TRUE	Yes	No	
No	No	TRUE	No	#	
Non	Non	TRUE	Non	#	

Table Name:
ReviewRefColumnTable

ReviewStatusColumn	LastColumnToReview	AutoReviewColumnLetter	HumanSetRevStatu
Review Status	Examen	AD	AY

Not Sure what this is, maybe
 remenant?

I believe this column is for dropping
 simplified row status in some column
 on the row reviewed.

I believe this is intended
 to be dropped as as a
 status when a
 correction was made by
 the reviewer so that

Table Name: ReviewStatusTable

Intent is to set condition for Autovalidation/Trigger Automation based on Review Status Column

Review Status	SetWhenAutoValidated
Finalized	
Complete	
Submitted to National	
National Returned to the Site	TRUE
Pending Site Review	

New Table:

Validation Targets

(NEW) ValidationTargets

TableName	Enabled	Mode
REP2DSMDraft_Buildings	TRUE	Both
REP2DSMDraft_Works	TRUE	Both
REP2DSMDraft_Other	TRUE	Both

In relation to ValidationTargets, the Header of the data tables in the target Tables are typically hidden, in FR/EN, the names of the headers can be found below. (Data Header is the smaller/thinner header which is typically hidden, example taken from REP2DSMDraft_Buildings, which is identical to the other two tables listed in TableName Column of VadliationTargets.)

Category 1				Category 2			Category 3		
AO ID	Object Description	Name of AO	French Name of AO	Building Type	Main Usage Type	Construction Date	Civic Number (Not reviewed by DCC National)	Street Name (Not reviewed by DCC National)	Region (Not reviewed by DCC National)
AO ID	Object Description	Name of AO	French Name of AO	Building Type	Main Usage Type	Construction Date	Civic Number	Street Name	Region