

**How to process Launch files**



This document shows how to correct errors from a run of Zenator Launch.

# Zenator®

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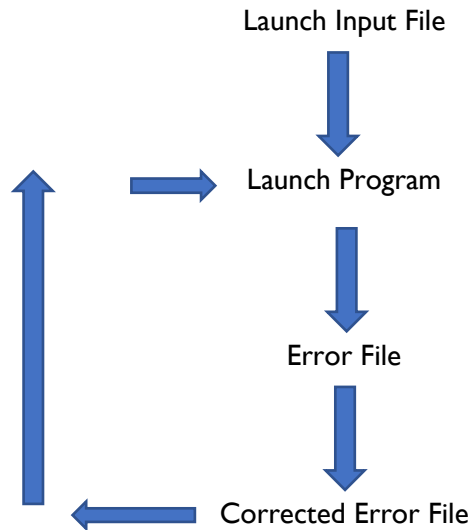
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## How to process Launch files

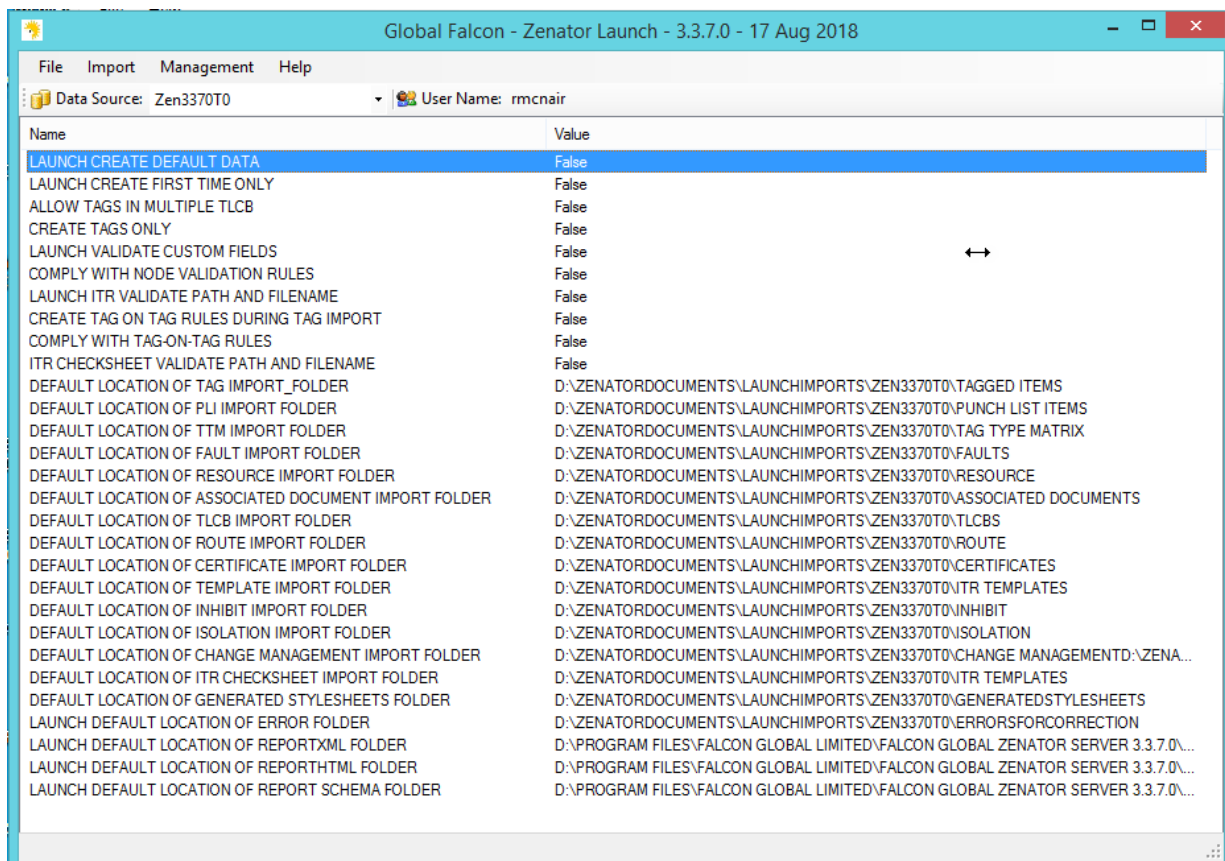
### The Launch Cycle

When Launch is used to process a Launch Input File which contains errors, Launch produces an error file which can be corrected and reprocessed.



### The locations of Launch files and error files.

When you open Zenator Launch you will see the location of the launch import files and the error files, if any, produced from any Launch run.



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Example.

In this document we will show an example of a tag import, so the folders involved are.

Name	Value
LAUNCH CREATE DEFAULT DATA	False
LAUNCH CREATE FIRST TIME ONLY	False
ALLOW TAGS IN MULTIPLE TLCB	False
CREATE TAGS ONLY	False
LAUNCH VALIDATE CUSTOM FIELDS	False
COMPLY WITH NODE VALIDATION RULES	False
LAUNCH ITR VALIDATE PATH AND FILENAME	False
CREATE TAG ON TAG RULES DURING TAG IMPORT	False
COMPLY WITH TAG-ON-TAG RULES	False
ITR CHECKSHEET VALIDATE PATH AND FILENAME	False
DEFAULT LOCATION OF TAG IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\TAGGED ITEMS
DEFAULT LOCATION OF PLI IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\PUNCH LIST ITEMS
DEFAULT LOCATION OF TTM IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\TAG TYPE MATRIX
DEFAULT LOCATION OF FAULT IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\FAULTS
DEFAULT LOCATION OF RESOURCE IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\RESOURCE
DEFAULT LOCATION OF ASSOCIATED DOCUMENT IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ASSOCIATED DOCUMENTS
DEFAULT LOCATION OF TLCB IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\TLCBS
DEFAULT LOCATION OF ROUTE IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ROUTE
DEFAULT LOCATION OF CERTIFICATE IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\CERTIFICATES
DEFAULT LOCATION OF TEMPLATE IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\NTR TEMPLATES
DEFAULT LOCATION OF INHIBIT IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\INHIBIT
DEFAULT LOCATION OF ISOLATION IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ISOLATION
DEFAULT LOCATION OF CHANGE MANAGEMENT IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\CHANGE MANAGEMENT\ZEN...
DEFAULT LOCATION OF ITR CHECKSHEET IMPORT_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\NTR TEMPLATES
DEFAULT LOCATION OF GENERATED STYLE SHEETS_FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\GENERATED STYLE SHEETS
LAUNCH DEFAULT LOCATION OF ERROR FOLDER	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION
LAUNCH DEFAULT LOCATION OF REPORTXML_FOLDER	D:\PROGRAM FILES\FALCON GLOBAL LIMITED\FALCON GLOBAL ZENATOR SERVER 3.3.7.0\...
LAUNCH DEFAULT LOCATION OF REPORTHTML_FOLDER	D:\PROGRAM FILES\FALCON GLOBAL LIMITED\FALCON GLOBAL ZENATOR SERVER 3.3.7.0\...
LAUNCH DEFAULT LOCATION OF REPORT_SCHEMA_FOLDER	D:\PROGRAM FILES\FALCON GLOBAL LIMITED\FALCON GLOBAL ZENATOR SERVER 3.3.7.0\...

Our import Launch file will be in this folder.:

D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\TAGGED ITEMS

Any errors will be placed in a file in this location:

D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION

Both files are Excel spreadsheets, and both have the same columns so that the error file can be corrected and reprocessed.

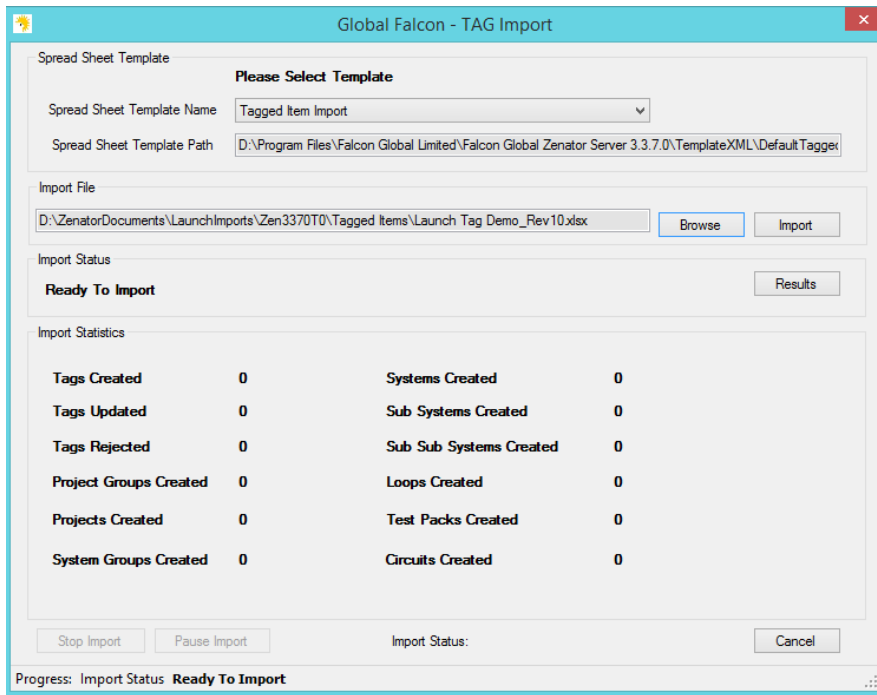
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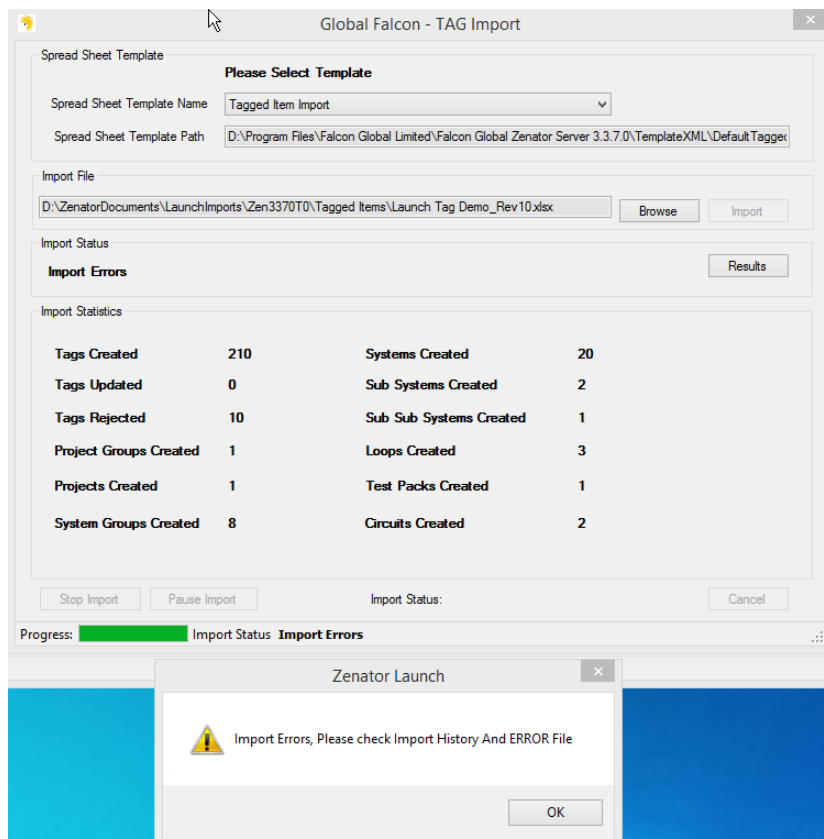


### Processing a launch file

Select a Launch template and a Launch Import file and press “Import”



The number of errors will be reported. We see that 10 tag records have been rejected.



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## How to process Launch files



Press “Results” to see the list of errors”.

The screenshot shows the 'Global Falcon - Zenator Launch History Error Reporting' application window. The interface includes a menu bar with 'File' and 'Action', and a toolbar with 'Generate Report' and 'Print Report'. The user is identified as 'RMCNAIR'. The main area is divided into two sections: 'Launch History Main' and 'Launch History Detail'.

**Launch History Main**

ID	Project ID	Completed	Location And Name Of Import File	Type Of Import
155	1555	11/4/2019 5:09 PM	D:\ZenatorDocuments\LaunchImports\Zen3370T0\Tagged Items\Launch Tag Demo_Rev10.xlsx	TAG Spreadsheet Import

**Launch History Detail**

Import Step	Row	TagNo	Reason
ImportSpreadSheetRow	2	COM-203C	Module: Module 99 does not Exist in the Database. Please check Import History.
ImportSpreadSheetRow	65	CBA-2020	ERROR: Import Row No.65The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: CentrifugalTagType
ImportSpreadSheetRow	163	ZBE-2072	ERROR: Import Row No.163The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Nitrogen Generato
ImportSpreadSheetRow	215	MCC4UC024	ERROR: Import Row No.215The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTagT
ImportSpreadSheetRow	216	MCC4UC026	ERROR: Import Row No.216The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTagT
ImportSpreadSheetRow	217	MCC4UC027	ERROR: Import Row No.217The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTagT

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## How to process Launch files

By scrolling to the right, we can see that the 10 error have been stored in this file

"D:\ZenatorDocuments\LaunchImports\Zen3370T0\ErrorsForCorrection\EXCEL\ERROR\_Launch Tag Demo\_Rev10\_04\_Nov\_2019\_17\_9.xlsx"

Global Falcon - Zenator Launch History Error Reporting

File Action

Generate Report | Print Report | User Name: RMCNAIR

Launch History Data | Launch History Formatted Report

User Imports | All Imports | From: 03 Nov 2019 | To: 04 Nov 2019 | Import Type: ~ | Filter

Launch History Main

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Import	Successful	Error File
sheet Import	<input type="checkbox"/>	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION\EXCEL\ERROR_Launch Tag Demo_Rev10_04_Nov_2019_19_6.x
sheet Import	<input type="checkbox"/>	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION\EXCEL\ERROR_Launch Tag Demo_Rev10_04_Nov_2019_19_5.x
sheet Import	<input type="checkbox"/>	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION\EXCEL\ERROR_Launch Tag Demo_Rev10_04_Nov_2019_19_3.x
sheet Import	<input type="checkbox"/>	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION\EXCEL\ERROR_Launch Tag Demo_Rev10_04_Nov_2019_17_9.x

Launch History Detail

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Import Step	Row	TagNo	Reason
ImportSpreadSheetRow	2	COM-203C	Parent Tag No.: COM-205C Does Not Exist.
ImportSpreadSheetRow	65	CBA-2020	ERROR: Import Row No.65The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: CentrifugalTagType : Cer
ImportSpreadSheetRow	163	ZBE-2072	ERROR: Import Row No.163The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Nitrogen GeneratorTag
ImportSpreadSheetRow	215	MCC4UC024	ERROR: Import Row No.215The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTagType :
ImportSpreadSheetRow	216	MCC4UC026	ERROR: Import Row No.216The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTagType :
ImportSpreadSheetRow	217	MCC4UC027	ERROR: Import Row No.217The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTagType :



How to process Launch files

The error file has the same columns as the original Launch import file but contains only the 10 errors.

The screenshot displays two Excel spreadsheets side-by-side. The top spreadsheet, titled 'ERROR\_Launch Tag Demo\_Rev10\_04\_Nov\_2019\_19\_6.xlsx', contains a table with the following data:

Deleted	Tag No	Tag Name	Discipline	Parent Tag No	Status
	COM-203C	CABLE	Electrical		Complete
	CBA-2020	Production Compressor	Mechanical		
	ZBE-2072	Nitrogen Generation Unit (Buffer Gas Supply)	Mechanical		
	MCC4UC024	CABLE	Electrical		
	MCC4UC026	CABLE	Electrical		
	MCC4UC027	CABLE	Electrical		
	MCC4UC028	CABLE	Electrical		
	MCC4UC032	CABLE	Electrical		
	MCC4UC039	CABLE	Electrical		
	MCC5UC005B	CABLE	Electrical		

The bottom spreadsheet, titled 'Launch Tag Demo\_Rev10.xlsx', contains a table with the following data:

Deleted	Tag No	Tag Name	Discipline	Parent Tag No	Status
	COM-203C	CABLE	Electrical	COM-2	Complete
	COM-203D	CABLE	Electrical		
	COM-205C	CABLE	Electrical		
	COM-205D	CABLE	Electrical	COM-205C	
	COM-203CA	CABLE	Electrical		
	ESDV-2000	MBD-2000 OUTLET TO PROD. WTR. SKIMME	Mechanical		
	ESDV-2001	MBD-2000 OUTLET TO CONDENSATE COAL	Mechanical		
	HBG-2080A-B	Production Separator # 3 Inlet Cooler	Mechanical		
	MBD-2000	Production Separator # 3	Mechanical		
	BDV-2014	MBF-2010 INLET PROCESS GAS TO HP RELI	Mechanical		
	BDY-2014	MBF-2010 INLET PROCESS GAS TO HP RELI	Mechanical		

### How to process Launch files



#### Correcting 2 out of the 10 Errors in the Launch File

The 2<sup>nd</sup> error in the list is this

**ERROR: Import Row No.65**

**The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Centrifugal**

**TagType : Centrifugal; TagTypeMain : Compressor; Discipline : Mechanical**

I correct this by changing the tag type from “Centrifugal” to “Centrifugal (Comp)”

The 3<sup>rd</sup> error in the list is this

**ERROR: Import Row No.163**

**The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Nitrogen Generator**

**TagType : Nitrogen Generator; TagTypeMain : Equipment; Discipline : Mechanical**

I correct this by changing the tag type from “Nitrogen Generator “to “Nitrogen Generator (Equip)





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### Processing the error file

Once we process the error file through Launch the 2 tag records we fixed are now imported. The error records we did not fix are now on a new error file.

The screenshot shows the 'Global Falcon - TAG Import' dialog box. It has several sections:

- Spread Sheet Template:** A dropdown menu for 'Spread Sheet Template Name' is set to 'Tagged Item Import'. The 'Spread Sheet Template Path' is 'D:\Program Files\Falcon Global Limited\Falcon Global Zenator Server 3.3.7.0\TemplateXML\Default Tagger'.
- Import File:** A text box contains the file path 'D:\ZenatorDocuments\LaunchImports\Zen3370T0\ErrorsForCorrection\EXCEL\ERROR\_Launch Tag Demo'. There are 'Browse' and 'Import' buttons.
- Import Status:** A 'Results' button is visible.
- Import Errors:** A section for viewing errors.
- Import Statistics:** A table showing the following data:
 

Tags Created	2	Systems Created	0
Tags Updated	0	Sub Systems Created	0
Tags Rejected	8	Sub Sub Systems Created	0
Project Groups Created	0	Loops Created	0
Projects Created	0	Test Packs Created	0
System Groups Created	0	Circuits Created	0
- Buttons at the bottom: 'Stop Import', 'Pause Import', 'Import Status:', and 'Cancel'.

Progress: Import Status **Import Errors**

The screenshot shows the 'Global Falcon - Zenator Launch History Error Reporting' window. It includes a menu bar with 'File' and 'Action', and buttons for 'Generate Report' and 'Print Report'. The 'User Name' is 'RMCNAIR'. There are tabs for 'Launch History Data' and 'Launch History Formatted Report'. The 'User Imports' radio button is selected. The date range is from '03 Nov 2019' to '04 Nov 2019'. The 'Import Type' is set to '~'. The window displays two tables:

**Launch History Main**

Type Of Import	Successful	Error File
TAG Spreadsheet Import	<input type="checkbox"/>	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION\EXCEL\ERROR_ERROR_Launch Tag Demo_Rev10
TAG Spreadsheet Import	<input type="checkbox"/>	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION\EXCEL\ERROR_ERROR_ERROR_Launch Tag Dem
TAG Spreadsheet Import	<input type="checkbox"/>	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION\EXCEL\ERROR_ERROR_ERROR_Launch Tag Dem
TAG Spreadsheet Import	<input type="checkbox"/>	D:\ZENATORDOCUMENTS\LAUNCHIMPORTS\ZEN3370T0\ERRORSFORCORRECTION\EXCEL\ERROR_ERROR_ERROR_Launch Tag Dem

**Launch History Detail**

Import Step	Row	TagNo	Reason
ImportSpreadSheetRow	2	COM-203C	TagStatusCode: Completed does not Exist in the Database. Please check Import History.
ImportSpreadSheetRow	5	MCC4UC024	ERROR: Import Row No.5The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTag Type : Lc
ImportSpreadSheetRow	6	MCC4UC026	ERROR: Import Row No.6The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTag Type : Lc
ImportSpreadSheetRow	7	MCC4UC027	ERROR: Import Row No.7The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTag Type : Lc
ImportSpreadSheetRow	8	MCC4UC028	ERROR: Import Row No.8The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTag Type : Lc
ImportSpreadSheetRow	9	MCC4UC032	ERROR: Import Row No.9The TagType, TagTypeMain OR Discipline Does Not Exist in the Database for the TagType: Low VoltageTag Type : Lc