



INTurnover[©]

ENHANCES THE PROJECT TURNOVER PROCESS

BENEFITS

- **64-bit Web app** – use Edge or Google Chrome browser.
- **User Friendly** – intuitive and easy to use-
- **Multiple** user access.
- **Cost effective** – SPI license not required.
- **Cloud Compatible**
- **No hidden costs**

SPI COMPATIBILITY

- 2016, 2018 & SI v13
- Oracle or SQL
- Engineering and As-Built/OO

For more information on any of our products or services, please visit us at:
www.wisetools.ca

Email: Info@WiseTools.ca

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*SmartPlant Instrumentation (SPI) is a registered trademark of Intergraph Corporation/Hexagon.

**Excel is a registered trademark of Microsoft Corporation.

INTurnover[©]

A WiseTools Productivity Tool

INTurnover[©] - FINALLY, a user friendly tool that enables you to audit project datasheet data before turnover for hosted or non SPI projects.

- A cost-effective, web solution that assists in the project turnover process by auditing **project datasheets to ensure compliance with your company standards.**
- Compatible with SPI Engineering or OO/As-Built configurations with additional functions to check non hosted SPI database changes to datasheet forms, instrument types, instrument profiles, I/O types, index UDFs, pipe material.....
- **Solves the datasheet data mapping issue by providing a simple graphical interface to enable the user to select the required data fields directly on the datasheet.**
- INTurnover[©] aligns with CFIHOS goals:
 - checks for the minimum standards required for datasheet turnover helping to assure asset information quality which results in a reduction of operational risks.

INTurnover[©] Features and Benefits

- Works with hosted and non-hosted (EPC) SPI databases.
- Simple graphical user interface for mapping datasheet fields that must be completed prior to project turnover.
- For non-hosted (EPC) SPI projects, INTurnover provides audits to compare the plant's master database to the project database standards to identify changes and/or additions to instrument types, instrument profiles, spec form templates, index UDFs, I/O types, pipe material.....
- Includes:
 - datasheet mapping copy function to enable mapping from one SPI database to another, ie. non-hosted databases.
 - audit data rules that can be applied to datasheet fields: ie. control valve datasheet auxiliary items:
 - switch tag number - select the required data fields (manufacturer, model no, type....) and define the condition. If the tag exists the data is required, otherwise ignore the associated data fields.
 - Rules can also be applied to any instruments auxiliary tag related data fields. See following images.
 - Multiple data filters are available to enable more accurate and specific audits – revision issues, purchase, construction and As-Built, MOC number, index UDF, process function, exclude status values such as delete, demo, hold, etc.
- All audit results can be exported to Excel documents.
- Administrator can define both users and administrators requiring access credentials.

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for a demo and quote.



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Empowering People with Technology



SYSTEM REQUIREMENTS

IIS SERVER:

- Windows Server 2016, 2019 64-bit
- IIS v10 +
- .Net v6.0 and ASP.NET Core Runtime v6.0
- MS Visual C++ Runtime
- PDF Reader +

CLIENT:

- .NET Framework v4.8
- Windows v10, iOS, Android
- Microsoft Edge or Google Chrome
- Adobe Reader v9+
- Microsoft Excel

MORE WISETOOLS PRODUCTIVITY TOOLS

- INAuditPro
- INView
- INAPI
- INP&ID
- INDigital
- INSync Admin/Review
- INView Anywhere
 - INWalkdown Instruments
 - INField Check
 - INLoop Check
- INFront

WISETOOLS SOLUTIONS

- SPI Consulting
- SPI Data Migration
- SPI Data Merging
- SPI Database Audits
- SPI Document Conversion
- Training for SPI and Wisetools Products
- Custom Programming

For more information on any of our products or services, please visit us at: www.wisetools.ca

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Be certain your project datasheets meet your standards prior to acceptance.
 INTurnover®, combined with INAuditPro, provides you with everything you need to make sure that project data including datasheet data is complete before turnover.

Follow these simple steps to success:

1. Map required datasheet fields.

Form Name	Form Number	Process Function	Spec pages	Associated Insts	Action
2 PH - CONTROL VALVE (FF)	9102	Control Valve	2	2	Not Configured Mapping Export
ANALYZER - COMPLEX	121	Analyzer	1	191	Not Configured Mapping Export
ANALYZER - SIMPLE	123	Analyzer	1	281	Not Configured Mapping Export

2. Add an audit condition to a data field. The red setting icon indicates a condition has been applied to a field. In the example below, a condition has been placed on 3 fields.

<input checked="" type="checkbox"/>	SWITCHES	154	Tag Number	spec_ufd_c438	add_spec4		
<input checked="" type="checkbox"/>	SWITCHES	155	Manufacturer	spec_ufd_c36	spec_sheet_data		
<input checked="" type="checkbox"/>	SWITCHES	156	Model	spec_ufd_c35	spec_sheet_data		
<input checked="" type="checkbox"/>	SWITCHES	157	Type	spec_ufd_c34	spec_sheet_data		

3. The following condition shows a condition placed on line # 155, a Switch Tag Number field for the control valve datasheet group "Switches". It dictates that Switch Tag Number fields that are Empty should not be included in any reports.

Audit Condition

155 SWITCHES Manufacturer spec_ufd_c36 Audit Condition

Select Field Name: [dropdown] Select Operator: [dropdown] Value: [input] Select Logic: false [dropdown]

[Add](#)

Group	LNo	Header	Column	Operator	Value	Logic	
SWITCHES	154	Tag Number	spec_ufd_c438	Is Not Empty			

4. Define a value that will exclude related data fields, Example Tag Number = N/A

Exclude Value

Selected Exclude Value

Value	
N/A	

Filter Out: All [dropdown]

Value	
68-ZSC/ZSO-179	<input type="checkbox"/>
68-ZSC/ZSO-326	<input type="checkbox"/>
68-ZSC/ZSO-346	<input type="checkbox"/>
68-ZSC/ZSO-348	<input type="checkbox"/>
68-ZSC-135/68-ZSO-135	<input type="checkbox"/>
N/A	<input checked="" type="checkbox"/>

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