

# INAudit® ... Revolutionizing the Way You Manage Your SPI/INtools® Data!

## INAudit



### YOU Need INAudit

- **Stop incomplete and inaccurate data that causes hidden costs both in Engineering and Plant Maintenance.**
- **Decisions are made daily based on Plant data that can affect the plants efficiency and safety.**
- **Easy Interface – To your Engineering or Owner Operator/As-Built Database.**
- **A cost-effective on-line auditing tool that can be customized to your requirements.**
- **Web based access for all users and project managers. No Seat Restrictions**
- **NO passwords required!**
- **Many comprehensive non-compliance reports all wrapped up into one easy-to-use product.**
- **Instantly export report results to an external Excel file.**

### Instrument Index Audit

Multiple options in the Instrument Index audit module allow you to view the tag data and remaining work to be completed on the tags. Choose from one or more options along with drop-down box options  to apply to your specific query. Simply click on the Audit Button to quickly see the results.

INAudit

Domain: UPGRADEDate: 2006-04-18

Plant: Calgary RefineryArea Index Report

Area: Crude AreaLicensed to: James

Unit:

Project:

Total Tags: 121Audit by Status:

Exclude Status:

[Minimum Data Fields Report](#)Tags not in a loop: 2 [List](#)

Tags without equipment No: 101 [List](#)Tags without I/O: 62 [List](#)

Tags without Line No: 90 [List](#)Attached Documents: 8

From the results screen you can view the number of tags without equipment, not in a loop and more along with a list option: to instantly display those tags.

View a listing of incomplete tags and a percentage of the tags completed by clicking on the Minimum Data Fields Report.

### Minimum Data Fields Report

INAudit

Domain: INADate: 10/23/2006

Plant: Calgary RefineryUnit Index Report

Area: Crude AreaLicensed to: Wise Tools

Unit: Crude Unit 1

Total Tags: 109Audit by Status:

Exclude Status:

Minimum Data Fields Exception ListIncomplete Tags: 103  Note: X = have data

Tag Number	Services	PRID	Equip No	manuf No	Mod No	SIGNAL LEVEL	UTD1	IS/NON_IS	UTD2	icwp number
% Completed	90%	12%	88%	55%	100%	44%		96%		10%
101-FE-102	X	X	X	X	X	X	X	X		
101-FE-201	X	X	X	X	X	X	X	X		
101-FE-555 B	X	X	X	X	X	X	X	X		
101-FE-905	X	X	X	X	X	X	X	X		

The Minimum Data Fields Report are defined by the INAudit Administrator.

- Index
- Datasheets
- Process Data
- Wiring
- Loops
- I/O
- General Statistics

Project

Convenient access for auditing the main SPI/INtools modules and general statistics.

## Datasheets, Wiring & Loop Audits

Many audit options are available within each module; incomplete spec/datasheets, spec/datasheets with no revisions, hard I/O tags with no spec/datasheet, incomplete wiring reports by loop, unconnected cables, loops with no P&ID, no tags, no service description and many more audit options.

INAudit	
Domain: INAUDIT-ina	Date: 10/30/2006
Plant: Calgary Refinery	Unit Wiring Report
Area: Crude Area	
Unit: Crude Unit 1	Licensed to: WiseTool
Wires with no Polarity: <a href="#">46 List</a>	Un-Connected Home run Cable: <a href="#">32 List</a>
Un-connected Field Devices Cable to JB: <a href="#">35 List</a>	Archived Panel Reports: <a href="#">21</a>
Field Devices not wired to a JB: <a href="#">65 List</a>	
Hard I/O Tags not assigned in the I/O module: <a href="#">11 List</a>	Hard I/O tags with no wiring: <a href="#">3 List</a>
<a href="#">Incomplete Wiring</a>	<a href="#">Terminal Strips in Wrong Unit</a>

## Administrative Control with the INAudit Configuration Program: INAConfig

This configuration program lets Administrators control how the database is audited. Use the Configuration file to determine what data needs auditing. This is a separate program that controls the configuration of INAudit.

## Check for Tags with No Process Data

Check for missing process data values by process function or tags with no Process Data.

## Quick Access to I/O Counts

Use the I/O module to quickly review the I/O types. See detailed lists of all I/O's. Get the % free of channels by I/O card.

Tags assigned to DCS in detail:		I/O Type: AO		Export Data		
Panel Name	I/O Card	Rack	Slot	Manufacturer	Model No	Tag Name
101-DCS-001	1/3 (4 A/O)	File Number 1	3	DCS Vendor	MU-45-101/3	101-FY-100
						101-FY-2212
						101-FY-2213
						101-HY-101
101-DCS-001	1/6 (4 A/O)	File Number 1	6	DCS Vendor	MU-45-101/3	101-FY-2214

## Check For Tags and Loops With Alpha Characters in the Number Field. Also check for Leading Zeros or Leading Spaces.

Check Tag Number

All

All

Tag Num with Alpha Character

Tag Num with Leading Spaces

Tag Num with Leading Zeros

## Check for Instrument Type

Click on 'Check Instru Type' for numerical values, leading zeros or mismatched Instrument types.

## General Statistics

View the general statistics of your SPI/INtools database, tags, loops, wiring data and supporting tables. Choose 'List' to access the P&ID's, Line Numbers & Equipment without tags and instrument types in multi process functions.

Gives a count of over 30 of the main objects and supporting tables with List/Report options.

INAudit	
Domain: INAUDIT-ina	Date: 10/30/2006
Plant:	Domain Statistics Report
Area:	
Unit:	Licensed to: WiseTool
Database Type: <b>Engineering Domain</b>	Tagging Standard: <b>ISA Standard</b>
	INTool Version: <b>06.00.08.05</b>
<b>Supporting Tables</b>	
P&ID: <b>4</b>	Line No: <b>10</b>
P&ID without Tags: <b>0 List</b>	Lines without Tags: <b>2 List</b>
Manufacturer: <b>31</b>	Line Types: <b>2</b>
Manufacturer without Tags: <b>24 List</b>	Status: <b>7</b>
Model Numbers: <b>238</b>	Locations: <b>14</b>
Spec Forms: <b>71</b>	Spec Pages: <b>67</b>
Spec Forms not Used: <b>55 List</b>	Spec Pages not Used: <b>51 List</b>
Equipment No: <b>11</b>	Equipment Types: <b>24</b>
Equip No without Tags: <b>8 List</b>	Instrument Types: <b>143 List</b>
Unused Instrument Types: <b>112 List</b>	Instru Types in Multi Process Functions: <a href="#">List</a>
I/O Type: <b>11 List</b>	Unused I/O Type: <b>4 List</b>

## INAudit Your 24/7 SPI/INtools Administrator for Data Quality.

Contact us to find out more about INAudit or to access our online demonstration. WiseTools Inc. develops and distributes other products such as INView, designed for the Process Plant and Oil & Gas Industries