

221 17 2 261 888 FS AD PONTC 221 17 2 261 881 68 AD 10975 221 17 2 261 881 68 AD 1097

The gathering

Saisle Observations Historique Util.

02120

Tol :20 Norm:0

🚺 Copier 👔 Coller 🔏 Supp

A Résultat inférieur à la valeur minimale.

M)C

Ø °C

of readings

Local : MBUSUZ CAPT : 1 ADG 201 LT LIB : T° Aspiration (

19

:160

Min :20 Max :185

nde Ländel Statu b

0000000

• The treatment of the values (second level monitoring) and their historization



The analysis allows, for all :

- All the reading values to be consulted (tables, graphs, drawings)
- The comparison of the values with each other
- Historical rounds to be consulted
- The discrepancies and observations to be consulted
- Summaries to be consulted



- Round optimization : certain readings are not carried out systematically : Example : if a pump is stopped, "skip" the following 5 readings.
- Updating of various editions : summary table gathering the reading values : Example : counter readings, filter summary, etc...
- Updating of "drawings" : Excel sheet containing functional references, an equipment synopsys which will be updated automatically on the next round with the gathered values.

COURSE OF THE ROUND

The operator selects the round to be carried out. Planned rounds are proposed as priority, etc...

- Selection of the reading support : the Portable Data Entry Terminal or paper According to the production status, the tolerance thresholds, minimum, maximum, and expected values for each of the reading points are updated to the terminal
- Gathering of values and monitoring of discrepancies in regard to fixed thresholds
- minimum, maximum, tolerance, constant regression and progression, value different from the normal expected value, etc...
- Notes regarding the readings with special observations
- Downloading of the values entered at the workplace at the end of the round
- Monitoring and analysis of the values, printing of a report
- Final recording







History consultation

- Complete access to the history as well as timing and dating of the readings (1 minute resolution)
- Display of abnomalities in different colours discrepancies with regard to the thresholds.
- Comparison of the simultaneous evolution of various readings : Example : comparison of the evolution flow, the state of a filter, or the position of a value
- Tools : tables, export values to Excel format, direct access to graphic tools (see below), use of a "SEARCH TOOL" to seek the values according to various criteria
- Access to the graph function Purpose : Comparison of the evolution of different readings over a period of time
- Raw curve : drawing of a straight line between readings, either numerical or alphanumerical,
- Smoothed curve : drawing of a curve representing the average between the readings, with a modifiable smoothing coefficient.
- Tendency curve over the entire period displayed and projection of the tendency beyond the last reading,
- Point cloud curve : display of the readings only.
- Extrapolation of points where no readings were taken,
- Superposition of graphs,
- Graphs displayed at the same scale,
- Automatic scale calculation and display.
- Display of discrepancies between two readings, the state of the production until at the time when the reading is taken.
- Horizontal and vertical zoom. Notes.

Various editions, reports, summary editions

- Insertion of equipment in the various editions Example : state of the counters, state of the filters, tub level, etc
- Edition of historical reports and discrepancies between readings
- Export to Excel format Example : transfert to GMAO, SAP, P.I., etc ...
- Viewing of time of push button counters before updating the preventive maintenance system
- Updating of "drawings" models : Excel sheets, where certain cells are linked to database functional references Example : a synopsis where the Excel cells are updated automatically on the next round with the gathered values.

WINSERVIR® : access and password managemen	t
Adaptability of the software to the various user profiles	
Consultants - round staff - round administrators -	
site administrators	

Software developed according to ISO 9001 norms