

EMS

ENVIRONMENT MONITORING SYSTEM

EMS

Environment Monitoring System

System descriptions:

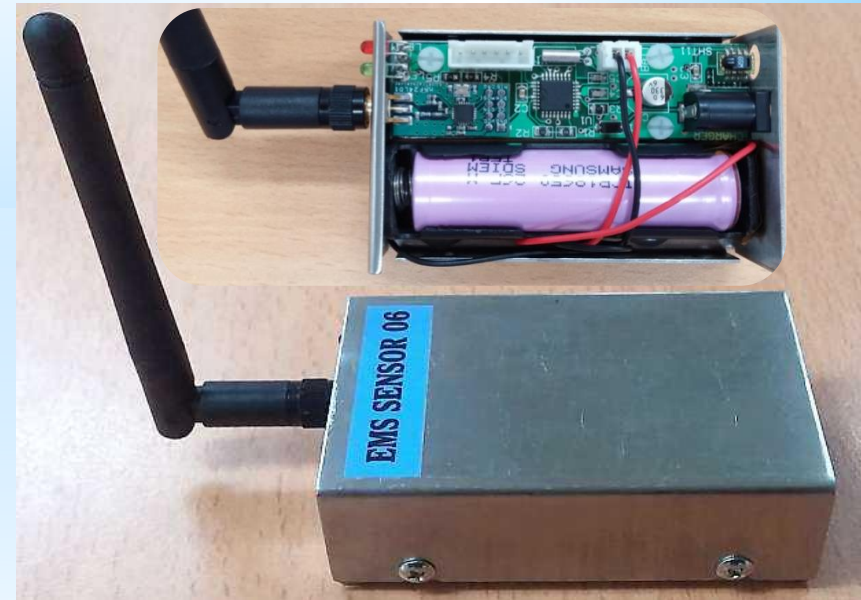
- By using a EMS sensor to automatic measure Temperature/Humidity and real time update values to the website linked with LAN server.
- With any computer has a LAN connection, we can monitor Temperature/Humidity of any place in the factory and take suitable action for Energy Saving and Environment management.

Specifications

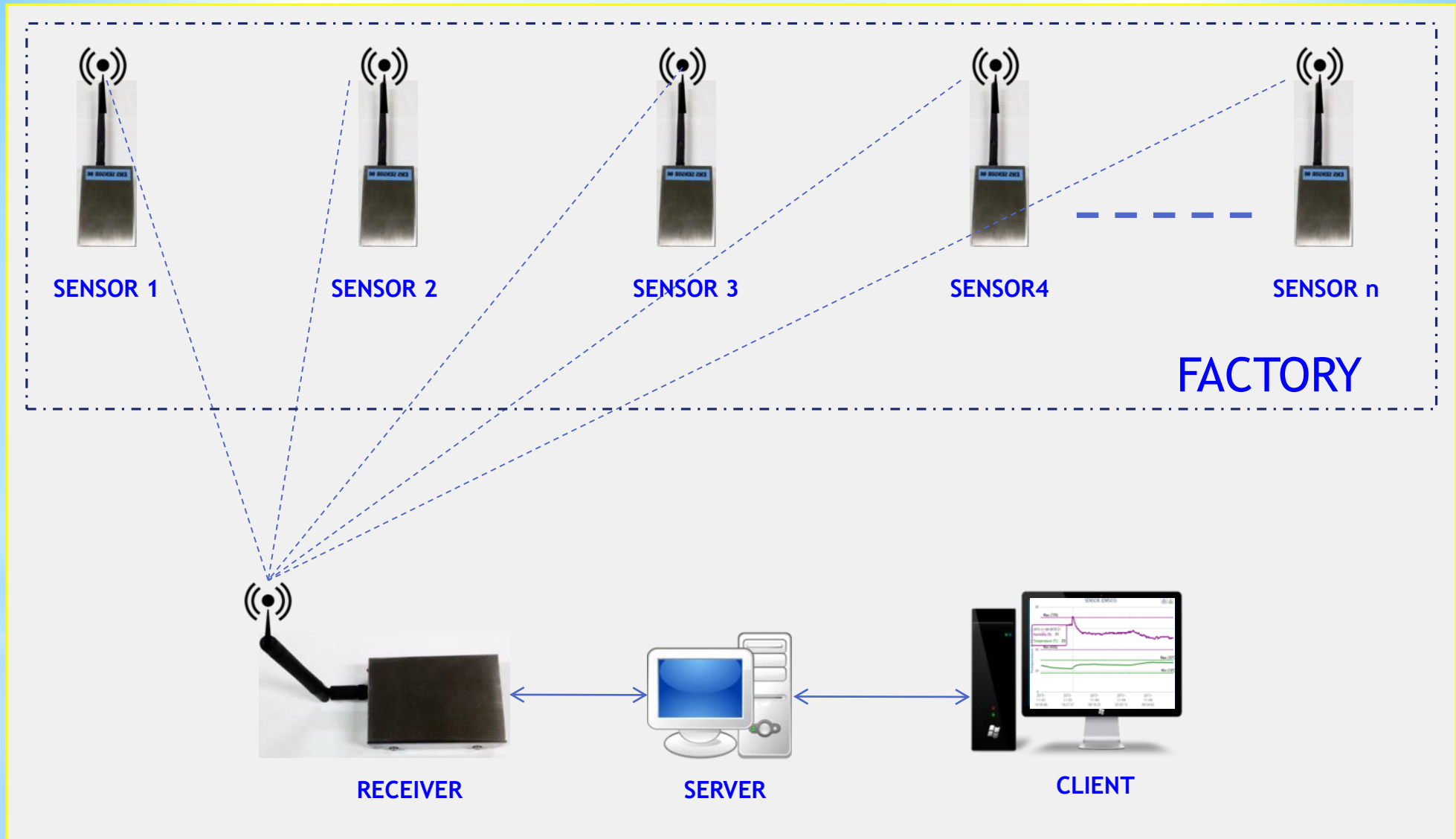
Model	WSHT11
Temperature	Range: -40 to 100 °C Resolution: 0.01 °C Accuracy: ±0.4 °C
Humidity	Range: 0 to 100 %RH Resolution: 0.04 %RH Accuracy: ±3.0 %RH
Battery	Life: 5 years 3.7V ; 2600 mAh Rechargeable
Communication	Wireless RF 2.4GHz Distance: 100 meters
Dimension (LxWxH)	80x51x26 (mm)

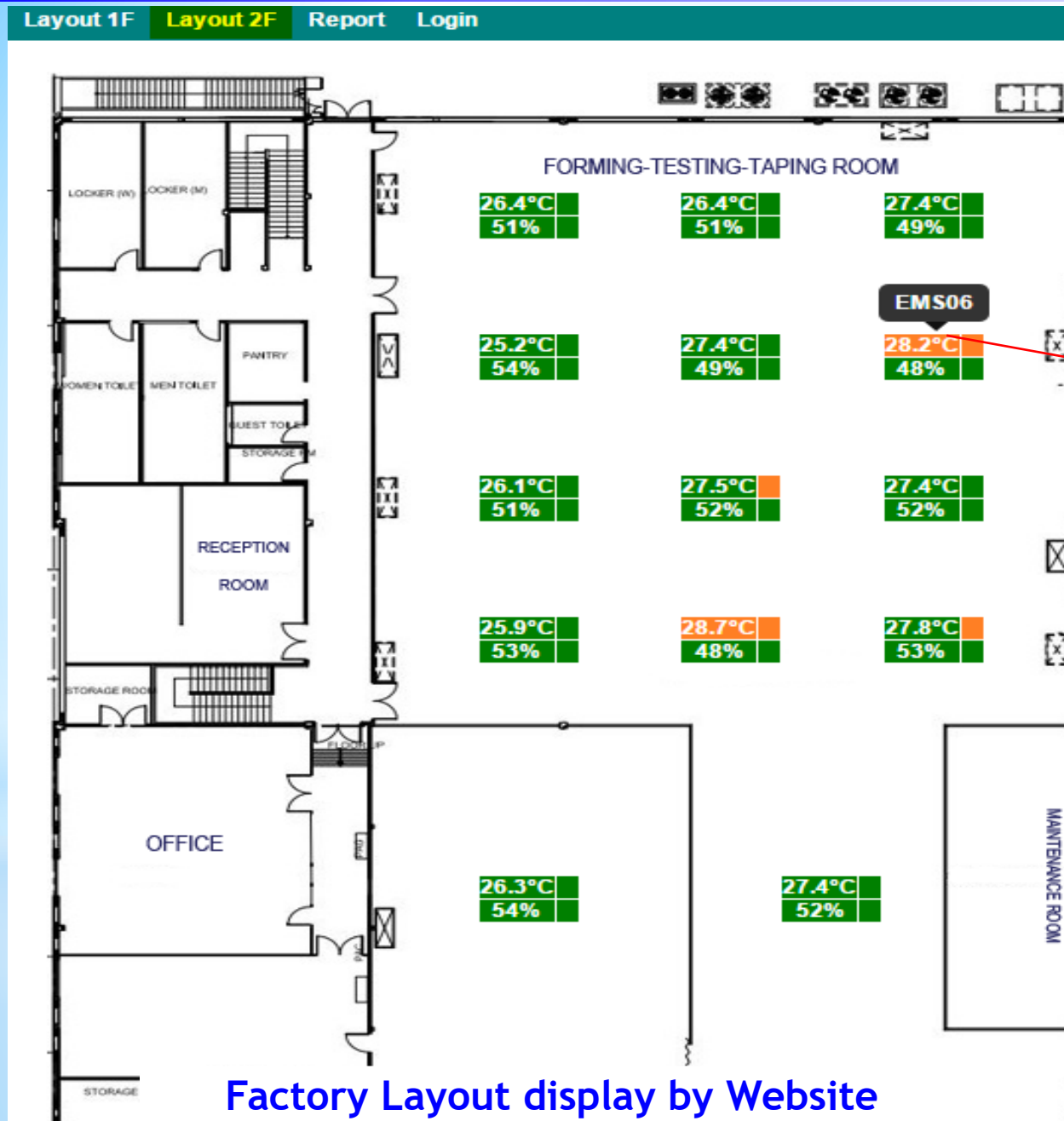
EMS Sensor description

1. High accuracy and long life battery.
2. Possible calibration.
3. Compact design and portable.
4. Easy to install, just hanging on the ladder or some where else similar



System Connectivity:



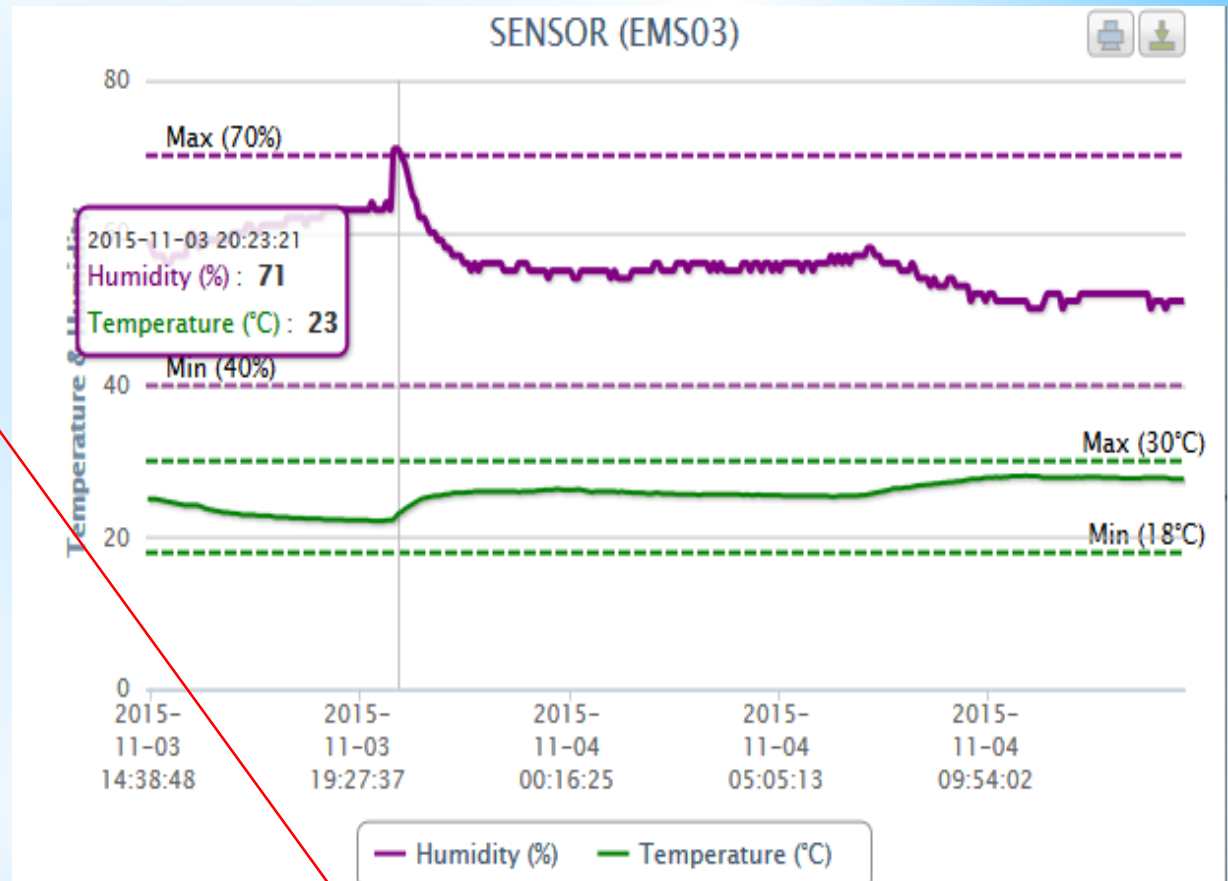


Application

1. Real time update temp/humid by website.
2. Automatic change color to alert when temp/humid is over limit/spec within 24h.
3. Can monitoring temp/humid everywhere in the factory.
4. Setting your aircon suitable and saving energy by follow changing of outside temp/humid.
5. Website has function to display battery remain status.



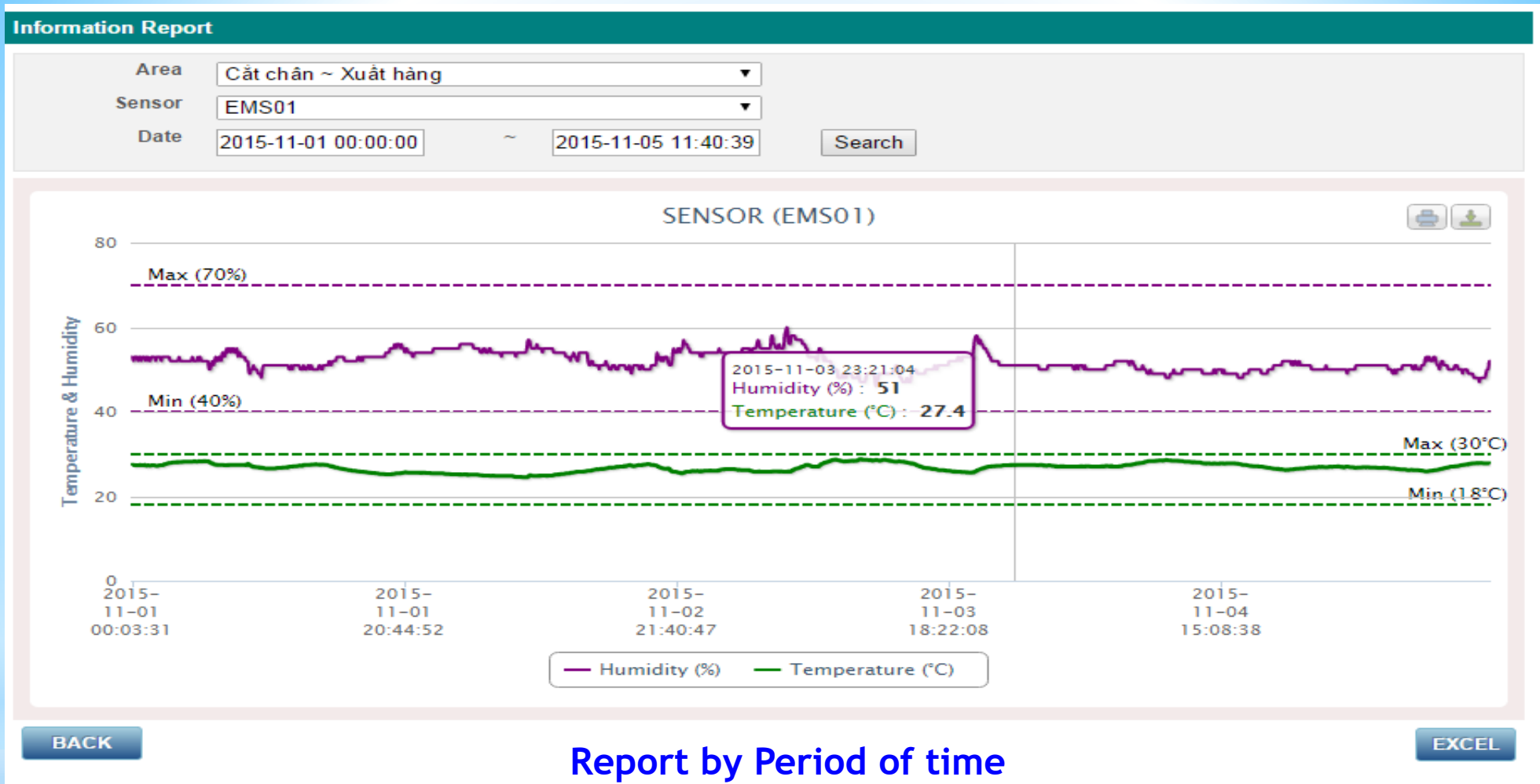
Factory Layout



One-click 24h Report

Function

1. Just One-click to any sensor then automatic show up the graph of Temp/Humid within 24 hours in the past from current time.
2. Can zoom and identify any part of this graph to find where is abnormal value.



Function

1. Can report by period of time more than 24 hours (one month or longer).
2. Can export data to Excel by period of time.

CÔNG TY TNHH MTEX VIỆT NAM

PHÒNG CHẾ TẠO BẢN DẪN

BÁO CÁO THỐNG KÊ TÌNH TRẠNG MÔI TRƯỜNG SẢN XUẤT

生産環境状況の統計レポート

Điều kiện trích dữ liệu - 抜取データの条件:

Năm 年

2015

Tháng 月

11

Khu vực エリア

ALL

Số hiệu 採番

ALL

Báo cáo tổng hợp hệ thống EMS

Số hiệu 採番	Khu vực エリア	Ngày 日		1	2	3	4	5	6	7	8	9	10	11	12	13	14
EMS01	Mark-Dam- Cắt định hình	Nhiệt độ	Max	28.3	27.6	28.8	28.6	28.4	26.2	26.2	26	26.1	26.3	26.6	26.8	26.8	26.8
			Min	25.2	24.5	25.6	26.2	24	23.6	24	24	24.7	24.7	24.7	25.2	25.1	25.2
		Độ ẩm	Max	56	57	60	52	55	59	58	61	60	59	61	60	59	60
			Min	48	49	46	48	47	51	50	51	51	51	50	50	51	51
EMS02	Mark-Dam- Cắt định hình	Nhiệt độ	Max	28.8	27.8	27.6	27.1	27.8	26.7	27.9	26.8	26.8	27.2	27.6	28.1	27.7	27
			Min	24.6	23.8	24.1	24.6	24.1	24.6	24.6	24.3	24.6	25.3	24.2	24.7	24.4	25
		Độ ẩm	Max	61	60	62	59	59	65	65	65	64	61	62	63	61	64
			Min	49	51	50	52	51	51	47	52	51	52	50	50	50	52
EMS03	Mark-Dam- Cắt định hình	Nhiệt độ	Max	29.1	28.6	28.2	28.1	28.3	27.5	28.2	26	28.6	28.3	27.8	28.3	28.3	28
			Min	25.2	23.7	22.1	25.3	24.7	23.4	23.2	23	23.4	25.9	23.1	23.3	22.6	23.8
		Độ ẩm	Max	61	60	71	58	58	67	68	66	65	56	67	69	66	67

Monthly report

- 1. Can export data to Excel by preform format (customize).
- 2. Fast & easy for data summary to saving time.

Thank You

There are many other solutions and products which are not included in this slide
Contact us or visit our website for more information



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