Smart Phone Application

Main View

LOTTE Aluminum

Mill-51

OPERATION	RUN **(Stop, Roll Change)**
ALARM	TDSW OVER TEMP
	BDSW SENSOR OUT
	TDSB OVER TEMP

Mill-52

OPERATION	RUN **(Stop, Roll Change)**
ALARM	TDSW OVER TEMP
	BDSW SENSOR OUT
	TDSB OVER TEMP

Mill-53

OPERATION	RUN **(Stop, Roll Change)**
ALARM	BWSW OVER TEMP
	BWSBR SENSOROUT
	BDSBT OVER TEMP

Sub View

Mill-51

LOCATION	TEMP ℃	
	Peak	PV
TOP WS WORK ROLL		50
TOP DS WORK ROLL	**80**	75
BOT WS WORK ROLL		52
BOT DS WORK ROLL		**OUT**
TOP WS BACK UP ROLL		48
TOP DS BACK UP ROLL	**85**	78
BOT WS BACK UP ROLL		47
BOT DS BACK UP ROLL		46
ALARM		
TOP DS WORK ROLL OVER TEMP		
BOT DS WORK ROLL SENSOR OUT		
TOP DS BACK UP ROLL OVER TEMP		

- Mill-51, 52 동일함
- Roll Change시는 Sensor Alarm 없음
- Operation Mode : Run, Stop, Roll Change

Sub View

Mill-53

LOCATION	TEMP ℃	
	Peak	PV
TOP WS WORK ROLL		50
TOP DS WORK ROLL		55
BOT WS WORK ROLL	**90**	**82**
BOT DS WORK ROLL		57
TOP WS BACK UP RADIAL		48
TOP DS BACK UP THRUST		45
TOP DS BACK UP RADIAL		45
BOT WS BACK UP RADIAL		**OUT**
BOT DS BACK UP THRUST	**88**	79
BOT DS BACK UP RADIAL		46
ALARM		
BOT WS WORK ROLL OVER TEMP		
BOT WS BACK UP RADIAL SENSOR OUT		
BOT DS BACK UP THRUST OVER TEMP		

PC Monitoring Software

Main View

LOTTE Aluminum Mill Monitoring System

Chart

Mill-51

LOCATION	TEMP ℃		ALARM			
	Peak	PV	Contents	PAUSE	RESET	SET
1. TOP WS WORK ROLL	85	50	Over Temp Sensor Out			
2. TOP DS WORK ROLL	82	75	Over Temp Sensor Out			
3. BOT WS WORK ROLL	90	52	Over Temp Sensor Out			
4. BOT DS WORK ROLL	83	52	Over Temp Sensor Out			
5. TOP WS BACK UP ROLL	87	48	Over Temp Sensor Out			
6. TOP DS BACK UP ROLL	81	78	Over Temp Sensor Out			
7. BOT WS BACK UP ROLL	84	47	Over Temp Sensor Out			
8. BOT DS BACK UP ROLL	92	46	Over Temp Sensor Out			

Mill-52

LOCATION	TEMP ℃		ALARM			
	Peak	PV	Contents	PAUSE	RESET	SET
1. TOP WS WORK ROLL	85	50	Over Temp Sensor Out			
2. TOP DS WORK ROLL	82	75	Over Temp Sensor Out			
3. BOT WS WORK ROLL	90	52	Over Temp Sensor Out			
4. BOT DS WORK ROLL	83	52	Over Temp Sensor Out			
5. TOP WS BACK UP ROLL	87	48	Over Temp Sensor Out			
6. TOP DS BACK UP ROLL	81	78	Over Temp Sensor Out			
7. BOT WS BACK UP ROLL	84	47	Over Temp Sensor Out			
8. BOT DS BACK UP ROLL	92	46	Over Temp Sensor Out			

Mill-53

LOCATION	TEMP ℃		ALARM			
	Peak	PV	Contents	PAUSE	RESET	SET
1. TOP WS WORK ROLL	85	50	Over Temp Sensor Out			
2. TOP DS WORK ROLL	82	75	Over Temp Sensor Out			
3. BOT WS WORK ROLL	90	52	Over Temp Sensor Out			
4. BOT DS WORK ROLL	83	52	Over Temp Sensor Out			
5. TOP WS BACK UP RADIAL	87	48	Over Temp Sensor Out			
6. TOP DS BACK UP THRUST	81	78	Over Temp Sensor Out			
7. TOP DS BACK UP RADIAL	84	47	Over Temp Sensor Out			
8. BOT WS BACK UP RADIAL	92	46	Over Temp Sensor Out			
9. BOT DS BACK UP THRUST	83	52	Over Temp Sensor Out			
10. BOT DS BACK UP RADIAL	87	48	Over Temp Sensor Out			

PC Monitoring Software

Sub View

Mill-51

Chart

LOCATION	TEMP ℃		ALARM				ALARM SET		PUSH ALARM
	Peak	PV	Contents	PAUSE	RESET	SET	TEMP ℃	Delay Time sec	
1. TOP WS WORK ROLL	85	50	Over Temp Sensor Out				80	3	TOP WS WORK ROLL Over Temp TOP WS WORK ROLL Sensor Out
2. TOP DS WORK ROLL	82	75	Over Temp Sensor Out				80	3	TOP DS WORK ROLL Over Temp TOP DS WORK ROLL Sensor Out
3. BOT WS WORK ROLL	90	52	Over Temp Sensor Out				80	3	BOT WS WORK ROLL Over Temp BOT WS WORK ROLL Sensor Out
4. BOT DS WORK ROLL	83	52	Over Temp Sensor Out				80	3	BOT DS WORK ROLL Over Temp BOT DS WORK ROLL Sensor Out
5. TOP WS BACK UP ROLL	87	48	Over Temp Sensor Out				80	3	TOP WS BACK UP ROLL Over Temp TOP WS BACK UP ROLL Sensor Out
6. TOP DS BACK UP ROLL	81	78	Over Temp Sensor Out				80	3	TOP DS BACK UP ROLL Over Temp TOP DS BACK UP ROLL Sensor Out
7. BOT WS BACK UP ROLL	84	47	Over Temp Sensor Out				80	3	BOT WS BACK UP ROLL Over Temp BOT WS BACK UP ROLL Sensor Out
8. BOT DS BACK UP ROLL	92	46	Over Temp Sensor Out				80	3	BOT DS BACK UP ROLL Over Temp BOT DS BACK UP ROLL Sensor Out

PC Monitoring Software

Sub View

Mill-52 | Chart

LOCATION	TEMP ℃		ALARM				ALARM SET		PUSH ALARM
	Peak	PV	Contents	PAUSE	RESET	SET	TEMP ℃	Delay Time sec	
1. TOP WS WORK ROLL	85	50	Over Temp Sensor Out				80	3	TOP WS WORK ROLL Over Temp TOP WS WORK ROLL Sensor Out
2. TOP DS WORK ROLL	82	75	Over Temp Sensor Out				80	3	TOP DS WORK ROLL Over Temp TOP DS WORK ROLL Sensor Out
3. BOT WS WORK ROLL	90	52	Over Temp Sensor Out				80	3	BOT WS WORK ROLL Over Temp BOT WS WORK ROLL Sensor Out
4. BOT DS WORK ROLL	83	52	Over Temp Sensor Out				80	3	BOT DS WORK ROLL Over Temp BOT DS WORK ROLL Sensor Out
5. TOP WS BACK UP ROLL	87	48	Over Temp Sensor Out				80	3	TOP WS BACK UP ROLL Over Temp TOP WS BACK UP ROLL Sensor Out
6. TOP DS BACK UP ROLL	81	78	Over Temp Sensor Out				80	3	TOP DS BACK UP ROLL Over Temp TOP DS BACK UP ROLL Sensor Out
7. BOT WS BACK UP ROLL	84	47	Over Temp Sensor Out				80	3	BOT WS BACK UP ROLL Over Temp BOT WS BACK UP ROLL Sensor Out
8. BOT DS BACK UP ROLL	92	46	Over Temp Sensor Out				80	3	BOT DS BACK UP ROLL Over Temp BOT DS BACK UP ROLL Sensor Out

PC Monitoring Software

Sub View

Mill-53

Chart

LOCATION	TEMP ℃		ALARM				ALARM SET		PUSH ALARM
	Peak	PV	Contents	PAUSE	RESET	SET	TEMP ℃	Delay Time sec	
1. TOP WS WORK ROLL	85	50	Over Temp Sensor Out				80	3	TOP WS WORK ROLL Over Temp TOP WS WORK ROLL Sensor Out
2. TOP DS WORK ROLL	82	75	Over Temp Sensor Out				80	3	TOP DS WORK ROLL Over Temp TOP DS WORK ROLL Sensor Out
3. BOT WS WORK ROLL	90	52	Over Temp Sensor Out				80	3	BOT WS WORK ROLL Over Temp BOT WS WORK ROLL Sensor Out
4. BOT DS WORK ROLL	83	52	Over Temp Sensor Out				80	3	BOT DS WORK ROLL Over Temp BOT DS WORK ROLL Sensor Out
5. TOP WS BACK UP RADIAL	87	48	Over Temp Sensor Out				80	3	TOP WS BACK UP RADIAL Over Temp TOP WS BACK UP RADIAL Sensor Out
6. TOP DS BACK UP THRUST	81	78	Over Temp Sensor Out				80	3	TOP DS BACK UP THRUST Over Temp TOP DS BACK UP THRUST Sensor Out
7. TOP DS BACK UP RADIAL	84	47	Over Temp Sensor Out				80	3	TOP DS BACK UP RADIAL Over Temp TOP DS BACK UP RADIAL Sensor Out
8. BOT WS BACK UP RADIAL	92	46	Over Temp Sensor Out				80	3	BOT WS BACK UP RADIAL Over Temp BOT WS BACK UP RADIAL Sensor Out
9. BOT DS BACK UP THRUST	83	52	Over Temp Sensor Out				80	3	BOT DS BACK UP THRUST Over Temp BOT DS BACK UP THRUST Sensor Out
10. BOT DS BACK UP RADIAL	87	48	Over Temp Sensor Out				80	3	BOT DS BACK UP RADIAL Over Temp BOT DS BACK UP RADIAL Sensor Out