

Heat Monitoring of Battery Production Process

IR thermography can be used as monitoring system to detect abnormal heating from top of a battery production line. It may generate alarm or stop the line by using its alarm interface.

【Cause】

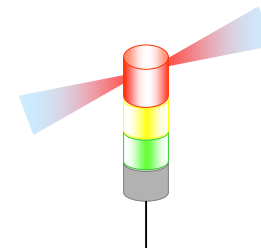
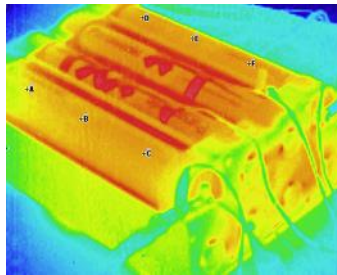
- Foreign matter (metal, etc) is mixed during manufacturing process
- Insulation failure/short circuit
- Joule heat builds up inside battery

【Phenomenon】

Foreign body reaction of cell
→ Heating of cell

【Counter Measure】

Heating of cells are monitored real-time on board carriers over belt conveyer. Alert with alarm.



- Alarm output
- Image data
- Detailed analysis

