

*Dedicated to People Flow™*



A COMPLETE ANALYSIS OF YOUR ELEVATOR OR ESCALATOR

# KONE Care for Life™

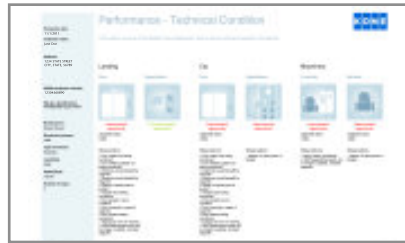
# KONE Care for Life

## Know the condition of your equipment

Is your elevator or escalator reliable? Is it safe? Are there opportunities for you to reduce your elevator energy consumption and avoid unpredictable repair costs? The KONE Care for Life analysis helps you answer these questions.

With KONE Care for Life, you can identify the potential areas of improvement in your equipment. It is an essential tool for elevator or escalator life-cycle planning and management. KONE Care for Life consists of three steps: an assessment of your equipment, a report on its condition and a recommendation for improvement.

## A three-step process



### 1. Assessment

The first step is a thorough, complimentary on-site evaluation by a KONE professional. This includes more than 150 checks of your equipment for performance, safety, accessibility and aesthetics. Elevators will also be checked for eco-efficiency. In 2012, the KONE Care for Life analysis will also include an eco-efficiency check for escalators. The KONE technician reports every check into a system where the data for that particular equipment is stored. For escalators, there is also the option of a light audit process that allows the survey of your escalator to be conducted without having to take the equipment out of service. Customer input will help determine which survey is the most appropriate, given the site circumstances.

### 2. Report

The result of this assessment is a full report, divided into three clearly-defined sections. The equipment condition summary is an excellent tool for decision-makers, containing the main characteristics of your installation and areas needing intervention. This is followed by a detailed analysis of the results of the KONE Care for Life assessment, including an eco-efficiency report for elevators. In 2012, the KONE Care for Life report will also include an eco-efficiency analysis for escalators. The final section of the report compares the measured data to the hazardous situation description, as defined by the relevant codes and standards.

### 3. Solution

If any deficiencies have been identified, together we can agree on an action plan to bring your equipment up to the required standard with KONE's Asset Management Planning. If your equipment is in good shape, KONE can recommend regular maintenance and minor upgrades. If more serious issues have been uncovered, KONE can recommend a solution ranging from upgrading components to full modernization or replacement.

## Objectives of KONE Care for Life

### Safety and accessibility

- Safety and accessibility mean more than conforming with regulations. We want to ensure your equipment is safe and easily accessible for users
- Report checks for code compliance: ASME A17.1 / CSA B44 standards

### Life-cycle management

- Systematic analysis by trained specialists
- Clear process of assessment, report and recommendations

### Performance

- Reliable, efficient, continuous operation is important to ensure smooth people flow in the building
- Your equipment components are checked for reliability and obsolescence

### Eco-efficiency\*

- Inspection and analysis of your equipment identifies poor energy efficiency issues
- Inefficient or outdated technology can result in higher energy usage

### Aesthetics

- First impressions matter – the elevator or escalator is one of the first things tenants or customers see when they enter the building
- Report contains evaluation of visual appearance of installation

*\*KONE Care for Life Escalator eco-efficiency analysis coming in 2012*

# Full assessment of your equipment

The result of the KONE Care for Life assessment is a report focusing on performance, accessibility, aesthetics, safety and eco-efficiency. This is accompanied by a recommendation on how to improve your equipment. The solution can range from easy-to-install retrofit kits to a more major package such as a new controller and hoisting machine.

## Performance

The machinery and brakes, controller, drive and electrification are examined.

**For elevators** – The hoisting ropes, shaft and doors are also checked.

**For escalators** – The step chain, lubrication system and step rollers are also analyzed.

## Accessibility

**For elevators** – Accessibility is analyzed against the requirements of ADA, taking into account leveling accuracy, door operation, cab features and signalization.

**For escalators** – Newels, signage, balustrades, access cover, comb plates and steps are considered.

## Aesthetics

**For elevators** – The visual status of the signalization, doors and car interior is assessed.

**For escalators** – The focus is on the passenger travel space (steps, skirt, balustrade, access cover and comb plate). The condition of the lighting and cladding is also analyzed.

## Safety

Safety norms are considered. Priority levels are defined by the applicable standards. The factors taken into consideration on escalators and elevators are passenger travel, machinery, worker and building interface.

**For elevators** – The focus is on user risks at the landing and in the car, and worker risks in the machine room and shaft.

**For escalators** – The focus is on user risk, travel space, the building interface and workers.

## Eco-efficiency

The inspection and analysis of elevators and escalators identifies issues which can result in poor energy efficiency. Outdated and inefficient technology consumes more energy than modernized equipment.

**For elevators** – The focus is on hoisting technology, drive systems, lighting and signalization

**For escalators** – KONE Care for Life eco-efficiency analysis will be available in 2012





### U.S. Operations Center

One KONE Court  
Moline, Illinois 61265  
1-800-956-KONE (5663)

### Canadian Operations Centre

6696 Financial Drive, Unit 2  
Mississauga, Ontario L5N 7J6  
1-905-858-8383

### KONE Mexico, S.A. de C.V.

Clavel 227  
Colonia Atlampa  
Mexico City, D.F. 06450  
+52.55.1946.0100

For the latest product information  
and interactive design tools, visit  
[www.us.kone.com](http://www.us.kone.com)

## U.S. Offices

### Alabama

Birmingham 205-944-1032  
Mobile 251-661-7522

### Arizona

Phoenix 602-269-7877  
Tucson 520-624-3125

### Arkansas

Little Rock 501-758-1889

### California

Cypress 714-890-7080  
Sacramento 916-372-1458  
San Diego 858-578-5100  
San Francisco 510-351-5141  
Santa Barbara 805-349-1013

### Colorado

Denver 303-792-3423

### Connecticut

Hartford 860-257-9277

### Delaware

856-251-1555

### District of Columbia

Washington, DC 301-459-8660

### Florida

Jacksonville 904-292-0225  
Miami 954-437-4300  
Naples 239-598-9310  
Orlando 407-812-8033  
Tampa 813-635-0330

### Georgia

Atlanta 770-427-3373

### Hawaii

Honolulu 808-836-2231

### Idaho

801-977-1144

### Illinois

Chicago 630-629-3100  
Peoria 309-697-9011  
Quad Cities 309-797-3232  
Rockford 815-874-1502  
Springfield 217-544-5461

### Indiana

Fort Wayne 260-484-9586  
Indianapolis 317-788-0061

### Iowa

Des Moines 515-243-0109  
Quad Cities 309-797-3232

### Kansas

Wichita 316-942-1201

### Kentucky

Louisville 502-491-0565

### Louisiana

Baton Rouge 225-291-5270  
New Orleans 504-736-0776

### Maine

781-828-6355

### Maryland

Baltimore 410-766-2100

### Massachusetts

Boston 781-828-6355

### Michigan

Detroit 734-513-6944  
Grand Rapids 616-534-3300

### Minnesota

Minneapolis 651-452-8062

### Mississippi

Jackson 601-939-7597

### Missouri

Kansas City 816-531-2140  
St. Louis 314-521-8800  
Springfield 417-862-1174

### Montana

Helena 406-449-1399

### Nebraska

Omaha 402-592-7381

### Nevada

Las Vegas 702-269-0919

### New Hampshire

781-828-6355

### New Jersey

Warren 908-626-0220

### New Mexico

Albuquerque 505-888-0626

### New York

Albany 518-464-0002  
New York City 718-361-7200

### North Carolina

Charlotte 704-597-0430

### North Dakota

651-452-8062

### Ohio

Cincinnati 513-755-6195  
Cleveland 440-546-1100  
Columbus 614-866-1751

### Oklahoma

Oklahoma City 405-682-5651  
Tulsa 918-258-0582

### Oregon

Portland 503-652-1011

### Pennsylvania

Harrisburg 717-653-7177  
Philadelphia 856-488-8830  
Pittsburgh 412-279-1561

### Rhode Island

781-828-6355

### South Carolina

704-597-0430

### South Dakota

Sioux Falls 605-336-1578

### Tennessee

Knoxville 865-938-3444  
Memphis 901-758-8320  
Nashville 615-360-7013

### Texas

Austin 512-443-0967  
Dallas 469-549-0581  
Houston 281-442-6619  
San Antonio 210-491-0485

### Utah

Salt Lake City 801-977-1144

### Vermont

781-828-6355

### Virginia

Richmond 804-328-1032

### Washington

Seattle 425-861-9696

### West Virginia

Charleston 614-866-1751  
Morgantown 412-279-1561

### Wisconsin

Milwaukee 262-373-0460

### Wyoming

303-792-3423

## Canada Offices

### Alberta

Calgary 403-275-5650  
Edmonton 780-452-9227

### British Columbia

Vancouver 604-777-5663  
Victoria 250-384-0613  
Kelowna 250-491-1838

### Manitoba

Winnipeg 204-895-2942

### Nova Scotia

Halifax 902-450-1102

### Ontario

Hamilton 905-648-3188  
Kingston 613-531-6262  
Ottawa 613-225-8222  
Toronto 905-948-2230

### Quebec

Montreal 514-284-5663  
Quebec City 418-877-1494  
Sherbrooke 819-821-2182

KONE Inc. reserves the right to alter  
design and specifications without  
prior notice.

KONE is a registered trademark  
of KONE Inc. Care for Life and  
Dedicated to People Flow are  
trademarks of KONE Inc.

"USGBC" and related logo is a  
trademark owned by the U.S.  
Green Building Council and is  
used by permission.

