May 1, 2012

TO: All Class “A” Elevator Contractors

RE: Acceptance Inspection Tests for Elevators

Due to extensive revisions developed in the ASME A17.1/CSA B44 10 elevator code for additional acceptance testing procedures, a notice is being posted on our website that the list supplied will identify what clauses and acceptance tests are required on each type of elevating device applicable to those particular installations.

The checklist will be utilized by our inspectors to confirm the requirements for all new installations upon code adoption including those alterations to the extent of what is provided by the building in conformance to the National Building Code of Canada.

Sincerely,

Russel E. Haukeness, Manager
Elevator and Amusement Ride Inspections
(306) 787-4531
Acceptance Tests for Electric Elevators: □

- Door Closing Force 8.10.2.2.1(h)
- Door Closing Time 8.10.2.2.1(l)
- Door Opening 8.10.2.2.1(j)(l)
- Leveling Zone and Speed 8.10.2.2.1(j)(3)
- Inner Landing Zone 8.10.2.2.1(j)(3)
- Emergency/Standby Power 8.10.2.2.1(q)
- Braking Systems 8.10.2.2.2(v)
- Winding Drum Machines Slack Rope 8.10.2.2.2(y)(3)
- Winding Drum Machines Final Terminal Stopping Device 8.10.2.2.2(y)(6)
- Emergency Stop 8.10.2.2.2(cc)(a)
- Traction Limits 8.10.2.2.2(cc)(3)
- Terminal Stopping Devices 8.10.2.2.2(ff)
- Governor Overspeed 8.10.2.2.2(hh)
- Car Safety 8.10.2.2.2(ii)
- Car Safety Type A Inertia Application 8.10.2.2.2(ii)(2)
- Counterweight Safety 8.10.2.2.2(ii)
- Counterweight Safety Type A Inertia Application 8.10.2.2.2(ii)(2)
- Ascending Car Overspeed Protection 8.10.2.2.2(jj)(1)
- Unintended Car Movement 8.10.2.2.2(jj)(2)
- Emergency Brake 8.10.2.2.2(mm)
- AC Drives from DC Source 8.10.2.2.2(oo)
- Car Oil Buffer 8.10.2.2.2.5(c)
- Counterweight Oil Buffer 8.10.2.2.2.5(c)
- Top Of Car Clearance and Refuge Space 8.10.2.2.3(d)
- Unexpected Car Movement Device (top of car) 8.10.2.2.3(ff)
- Unexpected Car Movement Device (pit) 8.10.2.2.5(l)
- Firefighter's Emergency Operation 8.10.2.26
Acceptance Tests for Hydraulic Elevators:

- Door Closing Force 8.10.3.2.1(h)
- Door Closing Time 8.10.2.3.1(i)
- Door Opening 8.10.2.3.1(j)(l)
- Standby/Emergency Power 8.10.3.2.1(q)
- Auxiliary Power Lowering 8.10.3.2.1(q)(2)
- Low Oil Protection 8.10.3.2.2(s)(7)
- Reverse Phase Protection 8.10.3.2.2(y)
- Working Pressure Verification 8.10.3.2.2(t)
- Relief Valve Setting 8.10.3.2.2(u)
- Supply Line and Shutoff Valves 8.10.2.2(y)
- Terminal Speed Reducing Devices 8.10.3.2.3(f)
- Terminal Stopping Devices 8.10.3.2.3(e)
- Governor Overspeed 8.10.3.2.2(ff)
- Safety 8.10.3.2.5(i)
- Safety Inertia Application 8.10.3.2.3(dd)
- Hydraulic Cylinder Plunger Stop 8.10.3.2.2(z)
- Pressure Switch 8.10.3.2.2(aa)
- Recycle Operation 8.10.3.2.2(bb)
- Static Controls 8.10.3.2.2(cc)
- Normal Terminal Stopping Devices 8.10.3.2.3(e) 8.10.3.2.5(e)
- Operating Devices 8.10.3.2.2(ee)
- Class C2 Freight Elevators 8.10.3.2.2(hh)
- Top Of Car Clearance, Refuge Space and Runby 8.10.3.2.3(d)
- Overspeed Valve 8.10.3.2.5(o)
- Plunger Clearance Bottom of Cylinder 8.10.3.2.5(c)(3)(a)
- Plunger Gripper 8.10.3.2.5(n)
- Bottom Clearance, Refuge Space and Runby 8.10.3.2.5(b)
- Car Leveling and Anti-Creep Operation 8.10.3.2.3(g)
- Unexpected Movement 8.10.3.2.3(ff)
- Firefighter’s Emergency Operation 8.10.3.2.6
- Acceptance Tests for Escalators:

- Machine Space Access 8.10.4.1.2(a)
- Machine Space Stop Switch 8.10.4.1.2(b)
- Controller Wiring and Fuses 8.10.4.1.2(c)
- Drive Machine & Brake Torque Test 8.10.4.1.2(d)
- Speed governor 8.10.4.1.2(e)
- Broken Drive Chain Device 8.10.4.1.2(f)
- Reversal Stop Device 8.10.4.1.2(g)
- Broken Step Chain Device 8.10.4.1.2(h)
- Step Upthrust Device 8.10.4.1.2(i)
- Missing Step Device 8.10.4.1.2(j)
- Step Level Device 8.10.4.1.2(k)
- Steps, Chain and Trusses 8.10.4.1.2(l)
- Handrail Speed Monitoring Device 8.10.4.1.2(m)
- Handrail Entry Device 8.10.4.1.1(k)
- Egress Restriction 8.10.4.1.1(l)
- Heaters Outdoor Units 8.10.4.1.2(o)
- Permissible Stretch of Step Chain 8.10.4.1.2(a)
- Disconnected Motor Device 8.10.4.1.2(n)
- Response to Smoke Detectors 8.10.4.1.2(v)
- Comb/Step Impact Device 8.10.4.1.2(q)
- Step/Skirt Performance Index 8.10.4.1.2(t)
- Clearance Loaded Gap 8.10.4.1.1(p)
- Inspection Controls 8.10.4.1.2(u)
- Step Lateral Displacement Device (Curved) 8.10.4.1.2(r)
- Tandem Operation 8.10.4.1.1(j)