China Compulsory Certificate (CCC)
What is China Compulsory Certificate (CCC)?

• Safety licensing system implemented in May 2002

• Mostly identical to European Standards for automotive parts

• China Certification Centre for Automotive Products (CCAP) and China Quality Certification (CQC) are the agencies to process CCC certification
Who applies for CCC Certification?

**Suppliers** - Regulated replacement/service parts for vehicles sold in China

**Suppliers** - Regulated parts for vehicles assembled in China
  - Parts built in China or imported (CKD)
PHASE 1: CCC Mark on replacement/CKD Parts

• Certification for the following parts must be applied for by the suppliers under China’s CCC Approval System and the parts must bear the CCC mark (mold, print, etch or label) for importation effective August 1, 2003

  – Tires
  – Seatbelts
  – Safety Glass
PHASE 2: CCC Mark on Replacement/CKD Parts

- In addition to Tires, Seatbelts & Safety Glasses, Certification for the following parts must be applied for by the suppliers under China’s CCC Approval System and the parts must bear the CCC mark (mold, print, etch or label) for importation effective December 1, 2006
  - Exterior lamps (including CHMSL) & reflectors
  - Brake hoses
  - Rear-view mirrors (inside & outside)
  - Audible warning device (horn)
  - Fuel tank
  - Door locks and door hinges
  - Internal fitting material (interior hard trim, carpet, etc.)
  - Seat and head restraints
Major Process Steps

1. Application
   - Supplier contacts CCC agency and submits an application
   - CCC agency assigns a unique plant code to each manufacturing facility upon application
   - Supplier apply for “CCC mark usage plan” to CCC agency

2. Testing
   - Supplier provides test samples to a CCC agency designated test laboratory in China
   - Authorized lab conducts certification testing

3. Evaluation
   - CCC agency reviews and approves the test results (or failure and retesting)
Major Process Steps

4. Plant Inspection

- Supplier requests CCC agency for initial inspection of the plants where affected parts are manufactured
- CCC agency conducts the initial inspection
- CCC agency requests to re-inspect the plant every 12-18 months to maintain the parts certification

5. CCC Logo Approval

- CCC agency issues CCC certificate documentation approving supplier plant(s) and parts
- Upon receipt of CCC certificate, supplier submits “CCC usage plan” application to CCC agency

6. Final Approval (Plant and Logo Usage)

- Parts can be legally marked.
- Parts can be ordered & used for their intended purpose (CKD, replacement parts)
Unified CCC Label - Example

- Plant code near CCC mark
- 5 sizes are available

<table>
<thead>
<tr>
<th>Dimension</th>
<th>No.1</th>
<th>No.2</th>
<th>No.3</th>
<th>No.4</th>
<th>No.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (mm)</td>
<td>8</td>
<td>15</td>
<td>30</td>
<td>45</td>
<td>60</td>
</tr>
<tr>
<td>A1 (mm)</td>
<td>7.5</td>
<td>14</td>
<td>28</td>
<td>42</td>
<td>56</td>
</tr>
<tr>
<td>B (mm)</td>
<td>6.3</td>
<td>11.8</td>
<td>23.5</td>
<td>35.3</td>
<td>47</td>
</tr>
<tr>
<td>B1(mm)</td>
<td>5.8</td>
<td>10.8</td>
<td>21.5</td>
<td>32.3</td>
<td>43</td>
</tr>
</tbody>
</table>

- Supplier chooses the applicable size for their products
- Print/mold/etch/label CCC marking on the parts
## Regulations & Standards

<table>
<thead>
<tr>
<th>Parts</th>
<th>Regulation Number</th>
<th>applicable range</th>
<th>Standards</th>
<th>sample Qty</th>
<th>CCC mark</th>
<th>CCC mark location</th>
<th>Applicable vehicle category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horn</td>
<td>CNCA—02C—055 : 2005</td>
<td>electric horn / air horn</td>
<td>GB 15742-2001</td>
<td>2 sets/units</td>
<td>unified CCC label or printed/moulding tool with the plant code</td>
<td>suitable position of the object</td>
<td>All</td>
</tr>
<tr>
<td>Retro Reflector</td>
<td>CNCA—02C—056 : 2005</td>
<td>2005 electric horn / air horn</td>
<td>GB11564-1998</td>
<td>10 sets/units</td>
<td>2 samples of each additional color</td>
<td>printed/moulding tool with the plant code</td>
<td>obvious position and can be easily seen after installation</td>
</tr>
<tr>
<td>Brake hose</td>
<td>CNCA—02C—057 : 2005</td>
<td>Hydraulic hose assemblies / Air hose assemblies / Vacuum hose assemblies</td>
<td>GB 16897-1997</td>
<td>2 sets/units</td>
<td>Hydraulic: 35 sets/units air:28 sets/units vacuum:17 sets/units (Additional samples may be required with specification change)</td>
<td>printed/moulding tool with the plant code</td>
<td>on the hose surface</td>
</tr>
<tr>
<td>Rear-view mirror</td>
<td>CNCA—02C—059 : 2005</td>
<td>3 sets/units with bracket</td>
<td>GB 15084</td>
<td>2 sets/units</td>
<td>unified CCC label or printed/moulding tool with the plant code</td>
<td>suitable position of the object</td>
<td>All</td>
</tr>
<tr>
<td>Internal fitting material</td>
<td>CNCA—02C—060 : 2005</td>
<td>3 kinds: 1)floor mat, 2)seat skin and 3)all the decorating board panel (including door panel, front enclosing protective board, side enclosing protective board, back enclosing protective board, and ceiling)</td>
<td>GB 8410</td>
<td>5 sets/units each kind (356mm×100mm typical)</td>
<td>unified CCC label or printed/moulding tool with the plant code</td>
<td>suitable position of the object or the deepest packing</td>
<td>All</td>
</tr>
<tr>
<td>Door lock and door hinge</td>
<td>CNCA—02C—061 : 2005</td>
<td>Metal fuel tank, plastic fuel tank</td>
<td>GB18296-2001</td>
<td>Door lock:4 sets/units Door hinge:2 sets/units</td>
<td>unified CCC label or printed/moulding tool with the plant code</td>
<td>suitable position of the object or the deepest packing</td>
<td>M1,N1</td>
</tr>
<tr>
<td>Fuel tank</td>
<td>CNCA—02C—062 : 2005</td>
<td>seats of the M, N front head restraint of the M1</td>
<td>GB 15083 / GB 11550-1995 / GB 13057-2003 / GB 8410</td>
<td>3 sets/units</td>
<td>unified CCC label or printed/moulding tool with the plant code</td>
<td>suitable position of the object</td>
<td>M, N (seat) M1 (seat restraints)</td>
</tr>
<tr>
<td>Glass</td>
<td>CNCA—04C—028</td>
<td>laminated glass used for windscreen, zone-toughened glass, toughened glass and plastic glass composite material; laminated glass used for other than windscreen, plastic glass composite material, toughened glass and insulated safety glass;</td>
<td>GB 9656</td>
<td>6 sets/type</td>
<td>transfer printing, silk screen printing, etching or sand blasting</td>
<td>obvious position and can be easily seen after installation.</td>
<td>Except Sunroof Glass</td>
</tr>
<tr>
<td>Tire</td>
<td>CNCA—03C—027</td>
<td>All, except temporary spare tire start with T</td>
<td>GB 9746, GB/T-2978</td>
<td>3 sets/type</td>
<td>carved with the compulsory certification mark on their moulds</td>
<td>obvious position and can be easily seen after installation.</td>
<td>All</td>
</tr>
<tr>
<td>Seatbelt</td>
<td>CNCA—02C—026</td>
<td>M and N</td>
<td>GB 14166</td>
<td>6 sets/type / 15 m/type</td>
<td>sewed on straps close to safety belt anchorage or directly applied, by mould pressing</td>
<td>obvious position and can be easily seen after installation.</td>
<td>All</td>
</tr>
</tbody>
</table>
Relaxation on CCC label Usage

• For retro-reflector, braking hose assemblies, and exterior lighting & lighting-signal, it is acceptable to affix China issued CCC label in 8mm standard format with “S” until May 31 of 2007 (custom date).

• For replacement parts for legacy models, it is acceptable to affix China issued CCC label in standard format for retro-reflector, braking hose assemblies, and exterior lighting & lighting-signal even after May 31 of 2007. The end period is not defined for now.
Resources

- CCC agencies Web Sites are:
  - CCCAP:  www.cccap.org.cn/
  - CQC:  www.cqc.com.cn/
  - TUV:  www.us.tuv.com/index.html
    - Approved by CQC to conduct annual re-certification

- G & M Compliance Inc:  www.gmcompliance.com
  - Affiliated with CCAP
  - Not affiliated with General Motors