To,

DsG: AR (through LOAR), BSF, CISF, CRPF, ITBP, SSB, NSG & BPR&D.

Subject: Revision of QRs and Trial Directive for Vehicle Blocker.

Sir,

The QRs and Trial Directives in respect of Vehicle Blocker have been revised and accepted by the Competent Authority as per Annexure in MHA.

2. The CAPFs concerned will be accountable for correctness of the QRs/Trial Directives

3. Henceforth, all the CAPFs should procure the above item required by them strictly as per the laid down Technical Specifications/QRs.

Yours faithfully,

Encl: As above

(M.K. Chahar)
Under Secretary to the Govt. of India
Tel: 23381278

Copy forwarded for necessary action to :-

SO (IT), MHA : it is requested to host the QRs and Trial Directives (soft copy attached) on the MHA website (under the page of Organizational Set up- Police Modernization Division- Qualitative Requirement under Misc. Equipments.

(Ritesh Kumar)
Section Officer (Prov-I)

Copy to: DDG (Procurement), MHA.
The Sub-group of Technicians, on their own initiative, met on 24th November 2012, 26th December 2012 and 26th March 2013 to revise the Qualitative Requirement of ‘Vehicle Blocker’.

After detailed deliberations the renewed Sub-group has revised the QRs of ‘Vehicle Blocker’, which are as under:

### QUALITATIVE REQUIREMENTS OF VEHICLE BLOCKER

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DRAFT SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Blocker height: Between 60 cm to 95 cm</td>
</tr>
<tr>
<td>02</td>
<td>Blocker width: 4 Meter</td>
</tr>
<tr>
<td>03</td>
<td>Drive unit: Hydraulic in separate protective housing</td>
</tr>
<tr>
<td>04</td>
<td>Impact loads from front: 500 Kgf or more</td>
</tr>
<tr>
<td>05</td>
<td>It should have manual pump operation in case of power failure and automatic lowering upon power failure</td>
</tr>
<tr>
<td>06</td>
<td>Raising and lowering time: 2 to 5 seconds or less</td>
</tr>
<tr>
<td>07</td>
<td>Flashing Light: Traffic Lamps: To advise driver of caution</td>
</tr>
<tr>
<td>08</td>
<td>Should be provided with initiation loop or any other means for safety to ensure that blockers are not activated when, vehicular traffic is on the top of it</td>
</tr>
<tr>
<td>09</td>
<td>Should have High Transmission Laser System: Monitoring in poor visibility condition</td>
</tr>
<tr>
<td>10</td>
<td>Integration: There should be provision of integration with third party access control system</td>
</tr>
</tbody>
</table>

**Signature:**

**Approved:**

- D K Pathak IPS
  - DIRECTOR GENERAL
  - BORDER SECURITY FORCE

**Not Approved:**

- DC, C RPF
  - SHUMBAN LAL
  - (A K Shukla Access)