

No.IV-17017/13/06-Prov.I
Ministry of Home Affairs

New Delhi, Dated 07.07.2006

To

The DGs: Assam
Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D.

Subject: Finalization of QRs/Specifications for Weaponry/Security Equipments

The committee comprising representatives from CRPF, BSF, CISF, NSG, SSB and ITBP held meeting on 09.03.2006, 10.05.2006 & 22.05.2006 under the chairmanship of DG:BPR&D and finalized the QRs of bodies in respect of the following Bus/Trucks for medium/heavy vehicles:-

- (a) ✓ LONG CHASSIS (BUS)
- (b) ✓ SHORT CHASSIS (MINI BUS)
- (c) ✓ TRUCK CHASSIS
- (d) ✓ AMBULANCE
- (e) ✓ WATER TANKER (6 KL/9KL)
- (f) ✓ TRUCK CHASSIS ONE TONNE (WINDOW GRILLE TYPE/CANVAS TOP)

2. These recommendations have been accepted by MHA. The QRs finalized by the above said committee and accepted by MHA in respect of the above equipments are enclosed herewith.

3. Henceforth, all the CPMFs should procure the above items required by them to meet their operational needs strictly as per the laid down QRs/specifications.

Yours faithfully,

Alok
(Alok Mukhopadhyay)
Under Secretary(Prov.I)

Copy to : DD(Procurement), MHA *19 BWA - 6/06*

Copy for information to:

1. PS to JS(PM), MHA
2. Dir(Prov), MHA

QUALITATIVE REQUIREMENTS OF WATER TANKERINTRODUCTION :

A requirement exists for a Water Tanker which should be able to carry a load equivalent to 6/9 KL of Water in difficult terrain. This qualitative requirement lays down the broad parameters for indigenous development of a Water Tanker on 6/9 tonne chassis. The vehicles developed should employ modern technology in all their system to give best performance and reliability.

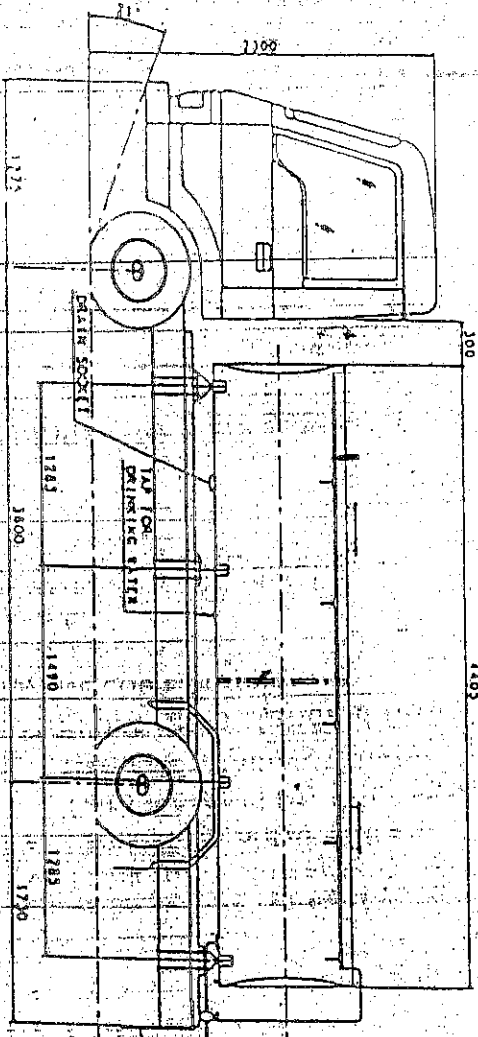
CONSTRUCTION DETAILS :

- Tank construction : • Tank: 3.15 mm thick Hot Rolled sheets.
 • Internal partition: 3.15 mm thick MILD STEEL sheet reinforced by 35x35 x 5 mm thick angle
 • No. of compartments: 03
 • No. of Manholes: 03 (with effective cover)
- Tank dimension : 6 KL
 Length: 3875 mm, width: 2230 mm, Height: 1000 mm
 9 KL
 Length: 3875 mm, width: 2230 mm, Height: 1420 mm
- Sub Frame : Made out of 100x50 mm ISMC channel duly reinforced with cross members and gussets.
- Climbing, Holding & Assistive Component : • Rear ladder: MILD STEEL round tube dia. 25x1.6 mm thick
 • Cat walk (both sides)
 • Tool Box & number plate
- Tail Lamps : Original factory built lamps repositioned at rear.
- Paint : • Tank inner surface : Dirkon Black
 • Tank / Cab outer surface: Paint as per user approvals
 • Complete structure is given protection coating to withstand corrosion.
 • All sheet metal component joints with structure would be sealed with forced drying non-cracking material.

POLY VINYL : In Front- as a standard fitment of CAB & Rear
CHLORIDE (PVC) protection bumper
sealants
Capacity : 6 KL
9 KL

- Fitments
- Water Level indicator
 - Portable Water Pump with captive engine.
 - Minimum two gate valves.

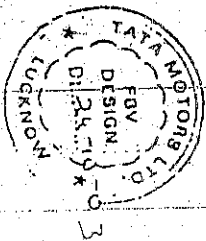
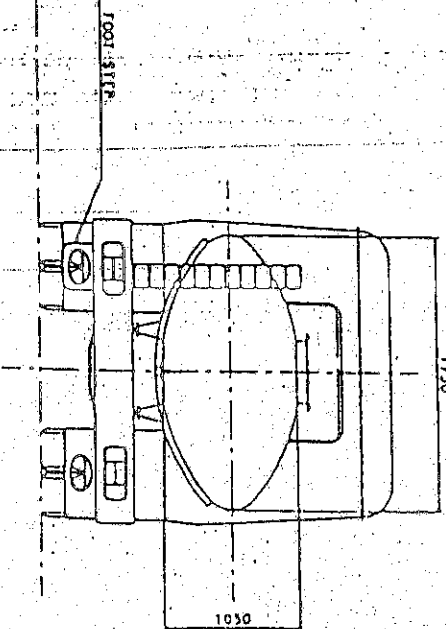
NOTE: Construction should be as per layout enclosed for details



DRAWING NUMBER 1302 10 088 000

6KL WATER TANKER ON LPT 1109/36

NOTE
ALL THE DIMENSIONS IN THE DRAWING ARE FOR REFERENCE ONLY.
TOLERANCE FOR INSPECTION MAY BE TAKEN AS ± 10mm.



NO.	REVISION	DATE	BY	CHECKED
1	INITIAL DESIGN	1972	R. K. JAIN	
2	FOR APPROVAL	1972		
3	FOR APPROVAL	1972		
4	FOR APPROVAL	1972		
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