

**TRIAL DIRECTORIES OF WATER MIST EXTINGUISHER 2x9/10 LTRS CAPACITY HIGH PRESSURE TYPE
(MOTORCYCLE MOUNTED)**

PA -I	Technical Parameter	QRs/Specification	Trial Directives for BOOs
Sl. 1.	Motor Cycle	Royal Enfield Electra, 5speed 350 cc, self start, Disc brake, PO Red in color. Temp registration, insurance etc. shall be in the scope of motor cycle dealer/supplier.	Shall meet the requirement as per relevant standard and QRs. Firm has to provide certificates from OEM that there will no adverse effect on engine or chassis after modification and to be tested/ checked physically by BOOs.
PA -II	Technical Parameter	QRs/Specification	Trial Directives for BOOs
1.	Nomenclature/ Name of product/gadget/equipment	High pressure water mist CAF fire extinguisher, back pack type, ultra light Carbon composite with PET liner Pressure Vessel 9/10 ltrs capacity and Air Cylinder mounted, two Nos. mounted on Motorcycle.	To be checked and verified by BOOs and shall meet the requirement as per relevant standard and QRs.
2	"Conformity to National/International standard.	The Water Mist & CAF(Back Pack) high pressure extinguisher shall be confirmed to EN 3-7.2004+A1: 2007-08 standards. The complete system shall be tested for compliance from an internationally/ nationally accredited laboratory for compliance to all 30 clauses (3.2, 3.1 5 4.2 4.3 4.4 4.5 6.1 6.2 6.3 7.1 1 7.1.2 7.2 7.3 7.4 8.1, 8.2 9.2 10.1, 1 0.2, 10.3 10.4 1 0.5 10.6 1 & 1 0.6.2 14.1, 14.2, 1 5.2 1 5.3 16.1, 1 6.2) of EN 3. 7.2004 + A. 2007-08 (E) Standard mandatorily applicable for the complete system."	To be checked and verified with relevant EN certificates.

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		motor cycle shall have space to store two air cylinders and breathing apparatus. The wind shield shall be duly marked with a logo as desired by the user.	
9	Model Number/ Laboratory Test Report etc.	Model Number shall be permanently marked as declared in Accredited Laboratory Test Report.	To be checked and verified by BOOs.
10	Air Cylinder Capacity (Ltrs)	2 liters each	To be checked and verified with relevant EN and PESO certificates.
11	No. of air Cylinder	4	To be checked physically by BOOs.
12.	Air Cylinder pressure (Bar)	300 bar	To be checked physically by BOOs.
13.	Air Cylinder Material	Ultra- light Carbon composite with PET Liner	To be checked and verified with relevant EN and PESO certificates.
14.	Type of Foam	Special AFFF Compound conforming for higher fire rating A55 B233. Spreading coefficient for special AFFF Compound shall be +5 minimum, concentrations shall be 6%.	To be checked and verified with relevant certificates from Govt approved lab.
15.	Composition of foam	If special foam, mention the composition/ Water 96% 1,2-Ethandiol	To be checked and verified with relevant certificates from Govt approved lab.
16	Commercial Brand Name, laboratory test report/ fire ratings with foam	Commercial Brand Name of the Special foam (fire extinguishing medium) as per accredited laboratory test report wherein higher fire ratings i.e. A55, B233, E1000 V (Die Electric Suitability) achieved, to be declared.	To be tested physically and verified by BOOs and verified with relevant certificates from Govt approved lab.

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41. NOC Letter No. Date of PESCO Letter No. and date should be mentioned. Nagpur for Pressure Vessel		To be checked physically by BOOs.
42. Pre dispatch inspection	Pre Dispatch Inspection (PDI) of product shall be carried out by CISF Fire officer as per specification, at the vendor site where all the testing facilities are available.	To be conducted by BOOs at the site of vendor.

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