

RESTRICTED

CERTIFICATE

Certified that the specification No. VFJ/SP/TSS/RFS/01/MPV(ARMY & MHA) Specification for Run Flat System for MPV(Army & MHA Version) amendment No. 13 Dated 08.01.2021 hereby stands amended on 08th day of January 2021. This is the thirteenth amendment issued to this specification. It contain 04 pages and they have been serially numbered from serial No. 01 to 04.

AUTHORITY :-GM approved Noting No. AIISP/TSS/MPV/Run Flat Tyre/21 Dated:- 05.01.2021



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SISTECHNICALLY VETTED

क्र. संक/DATE.....14/01/2021
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RESTRICTED

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SPECIFICATION NO. VFJ/SP/TSS/RFS/01/MPV/ (ARMY & MHA)
SPECIFICATION FOR RUN FLAT SYSTEM FOR MPV (ARMY & MHA VERSION)

(Amendment No. 13 Dated 08.01.2021)

(Authority: -GM Approved noting no AHSP/TSS/MPV/RUN FLAT TYRE/21 DTD 05.01.2021)

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I. SCOPE:

This specification pertains to supply of Run Flat System for Mine Protected Vehicle (Army & MHA Version). Run Flat System consist of wheel Rim, Tubeless Tyre, Run Flat System & Metallic Valve Body. The approximate load on each wheel Assy will be 3000 kg.

II. TECHNICAL DESCRIPTION FOR UNITS OF RUN FLAT SYSTEM:

(1) Wheel Rim:

Wheel Rim of size 9.00" X 22.5" (228.6 mm X 571.5 mm) to suit Ashok Leyland Stallion Hub & Axle Assy having Bore Dia 281 mm, PCD 335 mm, No of Stud Holes 10/K33, Off Set-127 mm, Sketch of the Wheel Rim is enclosed for reference.

Score

(2) Tubeless Tyre make:

Micheline

Tube less tyre of size 13.00" (330.2 mm) R 22.5" (571.5 mm) XZL 154 k to suit Rim size 9.00" X 22.5" (228.6 mm X 571.5 mm) (Michelin/Good Year/Hankook/Kumho/Pireli/any equivalent Standard make approved by CQA(V) Ahmednagar).

(3) Run Flat System:

22.5" (571.5 mm) Low Profile Run Flat System to suit Rim size of 9.00" X 22.5" (228.6 mm X 571.5 mm) for MPV (Hutchinson/Kwach Make (Black color)/Run Flat International Ltd/Safe sure/Equivalent Standard Make).

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(4) Metallic Valve Body:

Standard Metallic Valve Body to suit on the wheel rim with Run Flat System fitted for filling of air for Tubeless tyre.

NOTE:

- 1. Dimensions mentioned in the brackets are for reference only.
- 2. It is mandatory for the supplier to ensure that Make, Model Number, Batch Number, Month and Year of manufacture is embossed on the side wall of Run Flat.

III INSPECTION:

General Manager /VFJ or his authorized representative at VFJ.

IV TESTING PROCEDURE /ACCEPTANCE CRITERIA:

The two Run Flat System Assy samples supplied by the firm shall be fitted diagonally on Mine Protected Vehicle. After firing of two bullets from 7.62 SLR on the side wall of each tyre from a distance of 10 meters, the vehicle should run at a minimum speed of 50 KMPH for a distance of first 10 KMs and at a speed of above 40 KMPH for a distance next 30 KMs minimum on Black Top Road after deflation of tyre. The sample shall be considered acceptable, if vehicle completes 40 KMs run satisfactorily as above without losing control of the vehicle and Run flat system getting dislocated from the Rim. If anyone sample or both the samples fitted does not meet this requirement the sample shall be considered not acceptable.

Minimum one set consisting of two Run Flat System Assemblies out of every 100 Nos. or part thereof for each consignment against supply order shall be subjected to testing as above. Firm has to provide free replacement of the quantity so consumed in the trials/testing. In case the Run Flat System assemblies fails in the trial /testing, the whole lot will be rejected.

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V. WARRANTY:

The load carrying capacity, speed and other details of the items should sustain as per specification in the T. E (Amendment No. 13) the supplier shall provide warranty against any manufacturing defects for a period of 36 months from the date of acceptance of stores at VFJ. The warranty shall cover all items of the assy, viz Rim, Tubeless tyre, Run Flat System & Valve Body.

The supplier should warrant that the tyres are of fresh manufacture and **not older than 6 months on the date of offering the tyres.**

Manufacture's test certificate for conformance to the specified parameters to be provided by the supplier.

VI NOTE

1. Supplier has to submit the details of technical specification/leaflet/manual of their product along with quotation.
2. Supplier has to get the pilot sample approved by VFJ before the bulk supply is made.
3. if the supplier offers any other equivalent make of the Tubeless tyre other than those already mentioned in specification the offer will be considered acceptable only after successful approval by CQA(V) Ahmednagar. In this regard supplier has to submit test certificate duly approved by CQA(V) Ahmednagar being AHSP of tyre . However, testing of Run Flat System will be carried out by VFJ as per para IV of the specification.
4. Firm Rep may witness trial of sample, if so they desire.
5. Tendered sample once submitted will be retained by VFJ whether accepted or rejected.
6. Test Reports and warranty certificates from OEM of all the items indicating the relevant batch number should be submitted.
7. The supply has to be made as a set, but individual prices have to be indicated separately for: -

- (a) Wheel Rim
- (b) Run Flat System
- (c) Tubeless Tyre
- (d) Metallic Valve Body

Ranking will be done on the basis of the price of complete set.

