

QAI FOR TYRE (355/90 X 20-18PR) OF STALLION MK-IV & LPTA TYRE 715 TC/32 (12.00-20-18PR) VEHICLES

AIM: To check workmanship, quality and performance of Tyre of Stallion MK-IV & LPTA 715 TC/32 Vehicle.

Inspection shall be carried out in following stages.

1. Visual Inspection
2. Dimensional check
3. Material Test – Physical Properties of Tread and side wall Rubber
4. Load & Inflation Pressure Test
5. Endurance Test
6. Tyre Strength Test (Plunger Test)
7. High Speed performance Test
8. Fitment & Performance Test
9. Marking & Packing

Sl.No.	PARAMETER	INSPECTION INSTRUCTION	QTY. TO BE CHECKED
1.	Visual Inspection	Tyre of Stallion MK-IV & LPTA 715 TC/32 Vehs to be checked visually for the following aspects. (iv) Completeness (v) Workmanship (vi) Quality of Tyre in all respect. It should be free from any objectionable defects for the intended use.	100% of pilot sample & Bulk supply
2.	Dimensional check	Dimensions of Tyre of Stallion MK-III & LPTA 715 TC/32 Vehs are to be decided for Tyre Size as per applicability of vehicle & as per Table of IS:10914 (Part2)-1992 or ITAC specified	100% of pilot sample. For Bulk Inspection level III as per IS: 2500 (part 1) 92 AQL 2.5
3.	Material Test – Physical Properties of Tread and side wall Rubber	Ensure the Physical Properties of Tread & side Wall Rubber of Tyre strictly as per Rubber properties mentioned at clause 6 of IS:10914 Part2 1992 when Tyre samples instead as per IS:10914 Part5 1992 (Clause -11 at the approved Laboratory)	100% of pilot sample & Bulk supply one per lot each of the Stallion & LPTA Vehicles.
4.	Load & Inflation Pressure Test	Load & Inflation Pressure Test of Tyre of Stallion MK-IV & LPTA 715 TC/32 Vehicle to be checked for Tyre (single tyre) as per Table 4 (clause 4.2) of IS 10914 (Part2) 1992	100% of pilot sample. And one per lot for bulk supply each of the STLN & LPTA Vehicles.
5.	Endurance Test	The Endurance Test of Tyre shall cabin to the requirement given in table 5.86 (clause 7) of IS:10914 (Part2) 1992. The sample of Tyre of Stallion MK-IV & LPTA 715 TC/32 Vehs shall meet the requirements specified in IS:10914 (Part5) 1992.	100% of pilot sample. And one per lot for bulk supply each of the STLN & LPTA Vehicles.

Sl.No.	PARAMETER	INSPECTION INSTRUCTION	QTY TO BE CHECKED
6.	Tyre Strength Test (Plunger Test)	The Tyre strength during laboratory test minimum values of static breaking energy of STALLION MK IV & LPTA 715 TC/32 vehicle should be as per requirements given in table 7 (Clause 6.2) of IS:10914 (Part2) 1992 when sample of Tyre is tested as per the method given in IS:10914 (Part5) 1992	100% of pilot sample. And one per lot for bulk supply each of the STLN & LPTA Vehicles.
7.	High Speed performance Test	The sample Tyre of Stallion MK-IV & LPTA 715 TC/32 Vehs should be tested for high speed test as per clause 10 of IS:10914 (Part5) 1992.	100% of pilot sample. And one per lot for bulk supply each of the STLN & LPTA Vehicles.
8.	Fitment & Performance Test	Accepted sample of Tyre to be fitted in repaired vehicles as Stallion MK-IV & LPTA 715 TC/32 Vehicles. There should be no difficulty observed during fitment. After satisfactory fitment above vehicle is to be subjected to 500 kms Road Trial including 200 kms cross country in laden condition (7.5 Ton on plain road and 5 Ton on Cross country in Stallion Vehicle & 5 Ton in LPTA Vehicles) to check the performance of Tyres. After and during trial to check any defects and abnormalities	Only for pilot samples.
9.	Marking & Packing	Manufacture's identification, Back mark, Type of Tyre, Tyre size, ply rating degree of tapes & taper bead seat and year of manufacture and tyre serial no. to be marked on tyre of Stallion MK-IV & LPTA 715 TC/32 Vehicles. Accepted store also be marked with acceptance mark of Inspecting Officer and to be suitability packed to avoid any damage during transit and storage.	100% of pilot sample and bulk supply.

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ASST. WORKS MANAGER  
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