



NEW HOLLAND 3510 TRACTOR



सत्यमेव जयते

भारत सरकार

कृषि एवं किसान कल्याण मंत्रालय
कृषि, सहकारिता एवं किसान कल्याण विभाग
मशीनीकरण एवं प्रौद्योगिकी प्रभाग

GOVERNMENT OF INDIA

MINISTRY OF AGRICULTURE AND FARMERS WELFARE

(Department of Agriculture, Cooperation & Farmers Welfare, Mechanization & Technology Division)

केन्द्रीय कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

ट्रैक्टर नगर, बुदनी (म.प्र.) ४६६ ४४५

CENTRAL FARM MACHINERY TRAINING & TESTING INSTITUTE

(An ISO : 9001 - 2015 Certified Institute)

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1. SCOPE OF TEST

The "New Holland 3510" tractor had undergone "Commercial Batch Test" at this Institute vide test report No. T- 1102/1628/2017 was released in August, 2017.

Now, the firm has added following optional features in the technical specifications of tractor and requested vide letter no. PD-PV/20054 dated: 29.07.2020, for **Administrative Extension** of "New Holland 3510" as per IS: 12207-2019.

The major features of Standard and Optional Fitment are listed below:

S.No.	Parameters	Specifications	
		Standard Fitment	Optional Fitment
1.	Type of front axle	Fixed	Adjustable
(Refer: Annexure-I)			
2.	Wheel equipment:		
	Drive wheel (s):		
	Size & Ply rating	13.6-28 & 12 PR	12.4-28 & 12 PR
	Rim size	WIL, W12 x 28	WIL, W11 x 28

The above tabulated optional features were added on the earlier test sample tested vide test report No. T-1437/1964/2019 (May, 2020) in the Institute's premises. Subsequent to the examination of case in the light of clause 3.2.4 and Sr. No. (v) & (ix) of clause 8.1.2 of Indian Standard 12207: 2019, the following tests were considered to be carried out:

- Specifications checking in brief
- Nominal speed test
- Turning ability test

Manufacturer : M/s. CNH Industrial (India) Private Limited, Plot No.-3, Udyog Kendra, Greater Noida – 201 306, Distt. Gautam Budh Nagar, Uttar Pradesh

Test requested by (applicant) : The manufacturer

2. ESSENTIAL TESTS

2.1. SPECIFICATIONS

The following are the brief specifications of the tractor. However, for detail specifications of the tractor, the test report No. T- 1102/1628/2017 (August, 2017) and T-1437/1964/2020 (May, 2020) should be referred.

2.1.1	Tractor:	
	Make	: New Holland
	Model	: 3510
	Brand name	: New Holland
	Type	: Four wheeled, Rear wheel driven, General Purpose, Unit Construction, Agricultural Tractor.
	Month & Year of manufacture	: 01 20
	Chassis Serial number	: NHN35100ZLA499068
	Country of Origin	: India
2.1.2	Engine:	
	Make	: Simpsons
	Model	: T III A S324/NHF1.2
	Type	: Four stroke, liquid cooled, naturally aspirated, direct injection, diesel engine.
	Serial number	: S324F08450



4. ADJUSTMENTS, DEFECTS, BREAKDOWNS AND REPAIRS

S. No.	Adjustments/Defects/Breakdowns and Repairs	Tractor run hours
	--- None ---	

5. SUMMARY OF OBSERVATIONS, COMMENTS & RECOMMENDATIONS

5.1 Salient Observations:

Optional features on this tractor model have been provided as per IS: 12207-2019.

6. CITIZEN CHARTER

Time frame for Testing & Evaluation as per Citizen Charter	Duration of Test	Whether the Test Report is released within the time frame given in Citizen Charter	Remarks
10 Months	01, Month (August, 2020)	Yes	None

TESTING AUTHORITY:

RAJNEESH PATEL
AGRICULTURAL ENGINEER

C.V. CHIMOTE
TEST ENGINEER

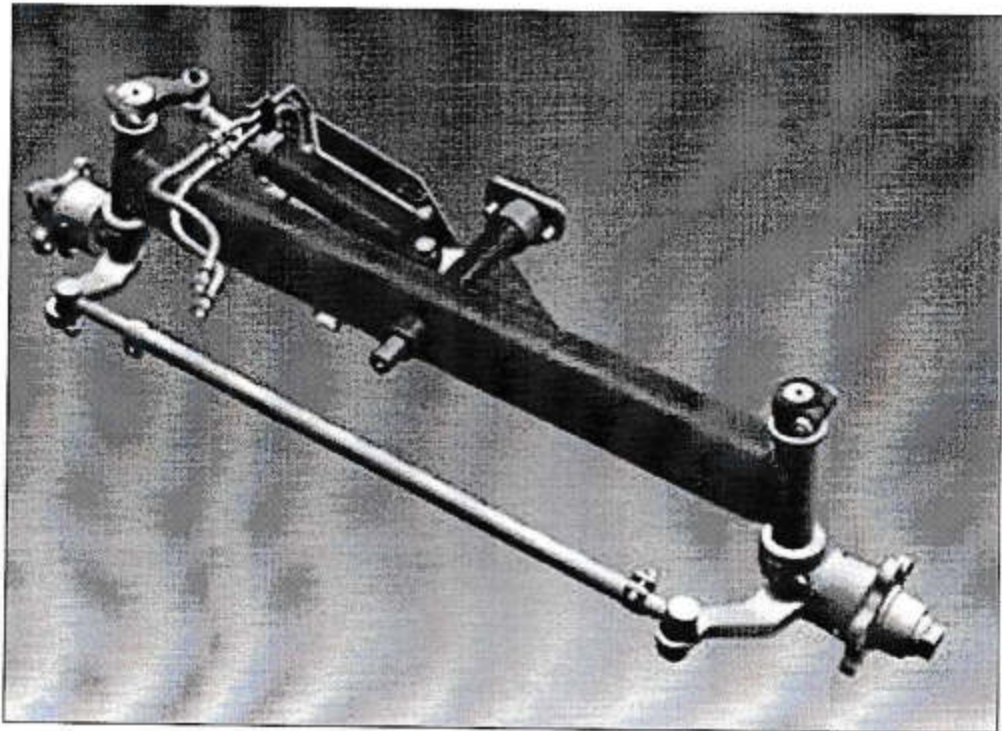
J.J.R. NARWARE
DIRECTOR

Test report compiled by **Smt. Poonam Khurasia**, Senior Technical Assistant.

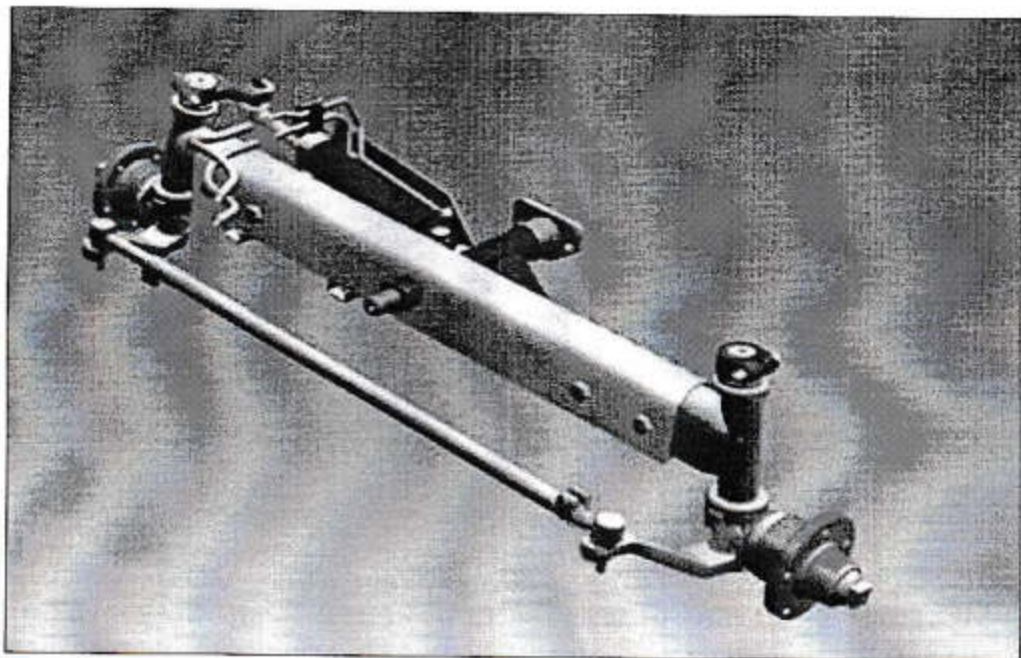
7. APPLICANT'S COMMENTS

--Nil--

ANNEXURE-I



FIXED TYPE FRONT AXLE: - STANDARD FITMENT



ADJUSTABLE TYPE FRONT AXLE: - OPTIONAL FITMENT

**ANNEXURE-II****TRACTOR RUN HOURS DURING TEST**

	LABORATORY AND TRACK TESTS	HOURS
1.	Running – in	--
2.	Turning Ability	0.50
B.	Miscellaneous test and other run hours, including idle run transportation, trial and preparation for test.	0.40
	Total	0.90