



SRI LALITHA ENGINEERING SLE 5 HP CHAFF CUTTER
[Power Operated (Electric Motor)]



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि, सहकारिता एवं किसान कल्याण विभाग

Department of Agriculture, Cooperation and Farmers Welfare

दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

Southern Region Farm Machinery Training and Testing Institute

ट्रैक्टर नगर, गार्लदिन्ने-515 721, जिला: अनंतपुर (आ. प्र.)

Tractor Nagar, Garladinne-515 721, District: Anantapur (A.P.)

[An ISO 9001:2015 CERTIFIED INSTITUTE]

Website: <http://srfmtti.dacnet.nic.in/>

E-mail: fmti-sr@nic.in

Tele./FAX: 08551-286441

Machine- 291/1046	SRI LALITHA ENGINEERING SLE 5 HP CHAFF CUTTER [Power Operated (Electric Motor)]	COMMERCIAL (ICT)
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Manufacturer : M/s. Sri Lalitha Engineering,
Flat No.: D-7, Industrial Estate,
Tetali- 534 218, Tanuku (M),
West Godavari (Dist.), Andhra Pradesh,
India.

Applicant : The Manufacturer

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Report No.: Machine-291/1046 Month: August Year: 2019



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10. EASE OF OPERATION & ADJUSTMENTS

No noticeable difficulty was observed during the operation and adjustment of the machine.

11. DEFECTS, BREAKDOWNS AND REPAIRS

No defects & breakdowns was observed during the entire test.

12. SUMMARY OF OBSERVATION, COMMENTS & RECOMMENDATIONS

- 12.1** Following modifications/improvements, being safety requirement, are required to be made to develop the chaff cutter as conforming to IS 15542:2005.
- 12.1.1** Cautionary notice as per IS 15542:2005 shall be written in vernacular language on a labeling plate.
- 12.1.2** Provision for flywheel lock pin need to be provided as safety aspect.
- 12.2** Blade should be marked with size code and thickness as per IS 1511:1979 (Reaffirmed 2012).
- 12.3** All constituents, except silicon of blade are conforming the IS 1511:1979 (Reaffirmed 2012). This should be looked in to for corrective action.
- 12.4** **Most of the parameters are conforming to the requirement of IS 11459:1985 (Reaffirmed 2012), IS 1511:1979 (Reaffirmed 2012) and IS 15542:2005.**
- 12.5** **The following dimensions of chute for electric motor operated chaff cutter are not conforming to the recommendations of Dangerous Machine (Regulation) Rules, 2007 and needs to be looked into.**

S. No.	Description	Observation	Remarks
i)	Provision for changing the angle of placement of trough shall be made.	Not provided	Does not conform
ii)	At the rear side of the trough a support shall be made.	Not provided	Does not conform
iii)	The trough on the shear plate side shall be covered up to a length of 450 mm min.	Not covered	Does not conform
iv)	The total length shall be min. of 900 mm.	810	Does not conform

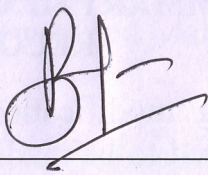
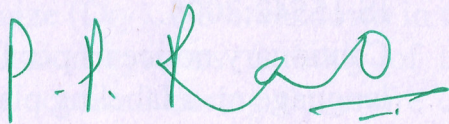
- 12.6** Labeling plate should be provided as per the requirement of IS.

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12.7 Adequacy of literature supplied with the machine:

Operation, Service, Maintenance manual cum part catalogue of chaff cutter in English was provided in a single booklet form for reference during the test. However, this may be brought out in Hindi and other regional languages as per IS 8132:1999 (Reaffirmed 2004) for the sake of user & technical personnel.

TESTING AUTHORITY:

B.N. DIXIT AGRICULTURAL ENGINEER	
Dr. P.P. RAO DIRECTOR	

13. APPLICANT'S COMMENTS

"We will make all changes, which ever are possible in our future products".