



TME/2010

TRACTION MACHINES ENGINEERING DIVISION, BHEL, BHOPAL

PRODUCT STANDARD CONCURRENCE SHEET

GENERAL INFORMATION

DATE: 20.04.99

PRODUCT STANDARD NO.

TM 99272

DESCRIPTION

1.5 mm. thick - Cold Rolled
sheets for Traction Alternator Pole.

REVISION NO.	DETAILS OF REVISION		
00	NIL		
	NAME	SIGNATURE	DATE
PREPARED BY:	A.P. Samal		20.4.99
AGREED BY:	REMARKS DEPTT./SEC.	SIGN.	DATE
M. BHAKTA	OK TME		20/4/99
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PRODUCT STANDARD TME DIVN. BHOPAL

TM 99272

1.1.2011

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1.6 mm thick Cold Rolled sheets for Traction Alternator Pole

1.0 GENERAL :-

This specification governs all the requirements of Cold Rolled (CR) sheets for Traction Alternator pole lamination.

2.0 APPLICATION :-

Pole laminations of traction alternators.

3.0 TECHNICAL REQUIREMENTS :-

The sheets should have all the properties and technical requirements as per AA1015 with the additional requirements detailed below.

4.0 ADDITIONAL REQUIREMENTS :-

4.1 Magnetic Properties

The material when tested on a Epstein frame at an AC magnetic field in amperes/meter shall show following minimum corresponding values of magnetic flux density in Tesla.

Magnetic field strength
A/m

5000
15000

Magnetic Flux Density
Tesla (Min.)

1.6 (for information)
1.3 (guaranteed)

4.2 Mechanical Properties

Tensile strength should be 350 N/sq.mm min.

0.2% proof stress should be 250 N/sq.mm min.

Revision : 00

Date : 20.04.99

Distribution

Qty.

Approved:

PRM -

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TME -

2

Prepared

Checked

Date

20.4.99

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