



GRADING RULES FOR TIMBER LOGS-ANNEXURE-I.

Sl. No.	Particulars about the specification or defect.	P-I	P-II	P-III	T-I	T-II	T-III	Remarks
1.	Length	2 M & over	1.5 & over,	1-5 M & over	1.5 M over	1.5 M & over	1.5 M & over	
2.	Girth	120 cm & over	90 cm & over,	90 cms & over,	90 cms & over	60 cms & over	60 cms & over.	
3.	Bends 1) No. of bends in every 3 M of length ii) Extent of bend in every M, of length (Deviation from the straight line drawn between the two ends of logs).	1	10 cms	10 cms	10 cms	15 cms	20 cms.	
4.	Buttresses and flutes not exceeding 40 cms in depth after fashioning.	Nil	1	2	1	2		
5.	Surface crack	1 cm. deeps cracks upto 1/3 length and not to exceed 5 in No.	1 cm. deep cracks 1 cm, upto 1/3 length and deep no crack in defect.	1 cm. deep crack in defect.	1 cm deep crack no defect. 2.5 cms deep crack upto 1/3 length of log not to exceed 5 in No.	1 cm deep crack no defect. 2.5 cms deep crack upto 1/3 length of log not to exceed 5 in No.	1 cm deep crack no defect. 2.5 cms deep crack upto 1/3 length of log not to exceed 5 in No.	
6.	Split & shake	13 cms. per 3 M. of length on both ends.	10% of total length of log.	10% of total length of log.	10% of total length of log.	25% of total length of log.		

7.	Cup shake	Visible on both ends of log upto 3 cm. from the centre heart.	Visible on both ends of logs up to 1/4 of the dia of the log.	Not to exceed 1/4 meter of the log.	Not to exceed 1/4 of dia meter of the log.
8.	Twist in degrees per 3 M length of log.	Not allowed.	5°	5°	30°
9.	Knots per 3M length of log (Dead and Live)	5 cm dia and 2 in number (Dead & live).	5 cm dia and 3 in number.	10 cm dia and 3 in number.	15 cm dia and 3 in number.
10.	Hollows and rots	5 cm dia & 10 cm dia if the log is without knots.	10 cms. dia	15 cm dia	5 cm dia
11.	Wounds in diameter per 3 m length of log.	2.5 cm deep over 75 cm length.	2.5 cm deep over 1 m. length.	2.5 cm deep over 1 M. of length.	5 cm deep upto 1 m length.
12.	Taper per 30 cm dia per 3 M of length	2.5 cm	5 cms	10 cms	5 cms

Note:- The grading rates for qualities below Trade II will be as per the existing practice untill further orders.

Sd/-Chief Conservator of Forests,  
M.S. Pune.1.

ANNEXURE II  
PROPOSED GIRTH AND LENGTH CLASSIFICATIONS

Girth class (cms)	Length class in metres							
	Under 2	2U3	3U4	4U5	5U6	6U8	8 & up	
1	2	3	4	5	6	7	8	
15U30								
30U45								
45U60								
60U75								
75U90								
90U105								
105U120								
120U135								
135U150								
150U180								
180U210								
210U240								
240 & up								

The length and girth classes given above would be adopted without change in all large depots like Ballarshah, Paratwada, Kasa, Shirsad, Nasik etc. It may be necessary to reduce the number of categories in the depots where the turn-over is small. In such places a few of the length and girth classes may be combined in the same quality.

Sd/-Chief Conservator of Forests,  
Maharashtra State, Pune.

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**Subs-Finalisation of grading rules  
for timber logs...**

**No-D-16/IU/GR/1(77-78)/230-1 of 78-79  
Pune-1 Dated the 6th October 1978.**

**C I R C U L A R :**

Under this office No-D-16/Grading Rules/230 dated 23rd September, 78, the new Grading Rules for round timber to be adopted throughout the State have been circulated. It may be noted that what is stipulated under Annexure I is the quality specifications for various grades and what is stipulated under Annexure II are the dimensional specifications. These two sets of specifications thus constitute the new Grading Rules. These specifications have been evolved after considerable thinking and are intended to be enforced throughout the State in order to ensure uniformity. Thus in future there will be no divergence of qualities in respect of given grades of timber as between one depot and another. The recognised grades are almost identical to the ISI specifications. However, the specifications are now expressed in such simple and easily recognisable terms as can be easily understood and applied in practice by the field staff. It is expected that with a little practice, it should be easy for the subordinate staff in the field to correctly make use of these for actually sorting out the timber into various grades.

It may be noted that the grades P-I, P-II and P-III stand for 3 sub-classes of Plywood quality timbers. It is expected that extra care will be taken by the staff to grade the timbers into the 3 plywood sub-classes. The terms T-I and T-II stand for Trade I and Trade-II qualities. In the note below quality specification chart (Annexure-I) it is stated that Grading Rules for qualities below Trade II will be as per the existing practice, until further orders. This is to clarify that all timber logs which do not fall under the categories of P-I, P-II, P-III and T-I and T-II will be classified further in each depot according to local convenience and taking into account the present practice followed locally. Thus in some depots there will only be one specification grade for such remaining logs, viz. Trade-III (T-III). In smaller depots, depending upon the local practice, it may be necessary to recognise further grades as T-III, T-IV and T-V. This matter should be regulated by suitable orders by the respective Conservator of Forests who should also lay down the quality specifications for the logs if grades- T-IV and/ or T-V are to be recognised.

As regards the dimensional classification, it is henceforth obligatory to follow the length and girth classes, as stipulated. At times even in bigger depots, occasions may arise for the Divisional Forest Officers to combine materials belonging to more than one dimensional classes for purpose of sales. In such exceptional cases the deviation may be made. However, initially the logs must be graded conforming to the given classes. In no case, however, material belonging to different quality

contd...2..

grades is to be combined into one lot for disposal except with the prior approval of the Conservator of Forests.

It has already been ordered that the revised Grading Rules be adopted from 1-10-1978. However, where the material is to be supplied to Industries on the basis of agreement reached with them by the Government, the material to be supplied to them will have to be expressed in terms of the specifications incorporated in their agreements/letters of understanding. Separately the matter is being discussed with the representatives of Industries so as to see if we can eliminate this end take-up supplies to the Industries also on the basis of the revised grading rules.



(G.B. Dashputre)  
Chief Conservator of Forests,  
Maharashtra State, Pune. .

To

The Divisional Forest Officers (All)

Copy forwarded to the Conservators of Forests (All).

Copy forwarded with compliments to the Managing Director, Forest Development Corporation of Maharashtra Ltd. Nagpur for information (with 30 copies).

Copy to the Regional Managers, (All), Forest Development Corporation of Maharashtra Ltd.

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विषय : एकसूत्री प्रतवारी निष्पात जादा

लांबी गटाचा समावेश

क्रमांक : व-१६/ १२००

पुणे-४११ ००१, दि-१ मार्च, १९८४.

संदर्भ या कार्यालयाचा पत्र क्र. व-१६/ग्रीबीग तत्स/२२०० ता. २३-१-८४

वरील संदर्भाच्या अनुषंगाने एकसूत्री प्यापारी प्रतवारीचे नियम वळखण्यात आलेले आहेत. त्यांची अंमलबजावणी काटेकोरपणे होणे आवश्यक आहे. लांबी/वेदी गटात पुढीलप्रमाणे वाढी जादा गटाची वाढ करावी असे या कार्यालयाचे प्रस्ताव आहेत.

२-०० गाव पिर-साथी (सां-सांग) :-

२-०१ सांगी लांबी गट १ मी. चे आत, वेदी गट ६० ते ७५ सें. मी.

७५ ते ९० सें. मी., ९० ते १०५, १०५ ते १२०, १२० ते १३५, १३५ ते १५०

१५० ते १८० आणि १८० चे वर लेणी. सर्व माये लांबीवरून मध्यवेदी मात्र

या गटातून सांगी तुळसे रीषत गजाच्या स्वरूपात कन्स समुपयोजित करावे.

विक्रोसुध्दा रीषत गजाच्या स्वरूपात करावी.

२-०२ सांगी लांबी गट १ ते १.५ मी. चे आत, वेदी गट, परिच्छेद २-०१

प्रमाणे समुपयोजित रीषत गजाच्या स्वरूपात.

२-०३ सांगी लांबी गट १.५ ते २ मी. आत, वेदी गट, परिच्छेद २-०१ प्रमाणे

मात्र साल काढून मध्यवेदी आणि समुपयोजित नगण्यमाये.

२-०४ सांगी लांबी गट २ ते ३ मी. आत, वेदी गट, ५५ ते ६०, ६० ते ७५,

७५ ते ९० चर संदर्भित प्रमाणे पुढीलप्रमाणे निश्चित केण्याप्रमाणे मध्यवेदी मात्र साल

काढून नगण्यमाये.

२-०० प्रजाती पिरकाही (सां-सांग):

२-०१ प्रजाती लांबी गट १.२ मी ते १.५ ; हातीचल मध्यवेदी गट, ६० ते ७५, ७५ ते

७५ ते ९०, ९० ते १०५, १०५ ते १२०, १२० ते पुढे सें. मी. सदर सव

सां-सांग रीषत गजाप्रमाणे समुपयोजित करावे. आणि विक्री करावी. नागपूर/

पंढरपूर उत्तर व दक्षिण प्लॉट या क्षेत्रात या मोलाच्याच्या तुळसेना पॉक-टिअर

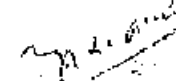
म्हणून विशेषतः जाणखेळ उपलब्ध आहे. यात कठीण प्रजातीचा किजा  
रेण, हरेद, लालवडी, कळम, विंग, तेंदू, शिंभू, तिवळ, गराणे, तिला,  
मोडा, कु-धा-पांशू स्यावेळ राहिले.

३-०२ पुढाती लांबी गट १-५ ते ३ मीटर :

लात हाडून मध्ये ठेवून गट वीस वापरवेद ३-०२ प्रमाणे स्मृपयोजन नमाप्रमाणे

३-०३ पुढाती ३ ते ५ मीटर / लांबी गट आणि ठेवणी गट , घर/  
तीद्विस्त पत्रातीत पत्राप्रमाणे, स्मृपयोजन.

३-०४ वरीलप्रमाणे गज मंदांचे संख्या वाढ करणे दिवाग्रह, प्राकृतिक स्वीकार्य आहेत.  
किंवा वसे या-वात कलरकांनी आपले स्वयंस्पष्ट अभिप्राय आणि शहवाल त्वरित  
उसट टपाली पाठवावेत ही विनंती.

  
मुख्य कलरका उपादान ,  
महाराष्ट्र राज्य, पुणे-१.

प्रति,

वसंतभक्त (सर्व).

स्वादेशिक पत्रस्थापक (सर्व).