

GOVERNMENT OF THE PROVINCE OF SASKATCHEWAN
DEPARTMENT OF NATURAL RESOURCES

ADDRESS YOUR REPLY TO
DEPARTMENT OF NATURAL RESOURCES
AT POINT OF MAILING



PLEASE QUOTE
LAND OR FILE
NO.

S/For.
Sealing

EHR/FW

Regina, Saskatchewan,
April 5, 1941.

Dear Sir:

I acknowledge receipt of your letter of the 31st ultimo, concerning our use of Clark's International Log Scale Rule.

We adopted Clark's International Log Rule in 1931 under authority of Section 5 (K) of our Forest Regulations as provided for in the Forest Act, i.e.:-

"Where timber is measured or disposed of by the department on a log scale basis, Clark's International Log Rule shall be used".

The regulation does not state specifically whether the 1/8" kerf or 1/4" kerf rule is to be used. In practice we have adopted the 1/4" kerf rule as most adaptable to our small timber sales and operations where circular saws are in general use. Only two of our large operators use band sawmills cutting the smaller kerf and we have felt that any extra over-run that they may secure is off-set by their better utilization and the fact that most of their production originates from licensed timber berths on which they pay royalty dues on the quantity of manufactured lumber rather than on a log scale. A check at one of these large band mills on white spruce logs averaging 16.5 per 1000 f.b.m. gave an over-run in lumber only of 5.77% or 9.37% for lumber including lath.

A check on one of our larger circular sawmills on white spruce log run of 22.9 per 1000 f.b.m. gave an over-run of 3.9% in lumber only or 9.08% for lumber including lath.

Other checks at small portable circular sawmills have shown a lumber over-run over log scale ranging from .03% to 16.84% and only one under-run of 6.0%.

In one check an old experienced scaler in checking over-run with both our International Rule and the Dominion Forest Service Scribner rule, reported an over-run of 3.9% on the former and 13.9% on the latter. His remarks were that in his opinion the over-run should be from 2 to 7% on our rule depending on the type of log run.

With the Forest Service Scribner Log rule we made several other checks and they averaged around 20% over-run for small portable circular sawmills and in excess of 35% for circular band sawmills.

We have found Clark's International Log Rule quite satisfactory over a period of ten years in actual practice and have no regrets in having adopted it. We feel that it comes closer to the actual board contents than any other rule for our white spruce timber in this province. Its use in the hands of an experienced and qualified scaler together with an

Indian Affairs. (RG 10, Volume 7799, File 30001 Pt.3)

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