

GOVERNMENT OF INDIA



Engineering Division
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Geological Survey of India,
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498/24B
No. /Disposal/GSI/Engg. Divn. /CHQ/2018-19

Dated 18.02.2019

Circular

As per the instruction from MoM, while preparing the survey reports of vehicles, it is mandatory to mention the vehicle H.P. in terms of RAC. The prescribed life of different vehicles vis-à-vis the H.P (RAC) is appended below:

Type of vehicle	Kilometers	Years
Heavy commercial motor vehicles	4,00,000	10
Motor vehicles fitted with engines up to 20 H.P (R.A.C)	2,00,000	8
Motor cycles fitted with engines of 3.5 H.P (R.A.C) or above	1,20,000	7
Motor vehicles fitted with engines of less than 3.5 H.P (R.A.C)	1,20,000	6

The empirical formula to use for the purpose of H.P (RAC) is provided below:

$$\text{H.P (RAC)} = D^2 \times N / 2.5$$

D = Diameter of the engine bore in inches

N = No. of cylinders

The above guidelines may please be strictly adhered to while submitting the survey reports to the regional HOD/CHQ.


(Ajay Agarwal)
Chief Engineer