

GOVERNMENT OF ANDHRA PRADESH
O/o The Engineer-in-Chief, R&B, Hyderabad

Circular Memo No: 711/QC/D2/99-1

Dt. 15.04.99

Sub: Collection of over size metal for WBM works- Revised instructions issued for recovery- Reg.

Ref: 1) Cir. Memo No: 711/QC/D2/84, Dt. 02.03.84 of CE (R&A), Hyd.
2) Cir. Memo No: 711/QC/D2/84, Dt. 03.04.84
3) Cir. Memo No: 711/QC/D2/84, Dt. 27.06.86.

-@@@-

Instructions were issued in the circular memos cited above for reduction in the rate of metal collected for WBM work for various percentages of over size observed after conducting the sieve analysis. These instructions are applicable to instances where metal of nominal sizes are used. At present graded metal is being used for road construction as per MOST specifications.

Whenever graded metal is used for WBM work, the following procedure should be adopted for effecting recoveries towards oversize metal for Grade-I, Grade-II and Grade-III metal.

- 1) No over size will be allowed over and above the range specified in the first sieve (top sieve)
- 2) Oversize in sieves other than top sieve.

If oversize metal is collected over and above the range of specified in sieves other than top sieve, the difference in the rates of the metal of the specified size and next higher size to the specified grade should be recovered for that quantity of oversize metal. However, if the oversize in any sieve is found to be above 30%, the work/metal collected should be rejected.

The following illustration is given for easy understanding.

Grade II metal of 200MM quantity is considered.
Grade IS sleeve Prescribed range of Observed passing
Designation passing by P.C by

II 90mm 100 100
63mm 90 - 100 95
53mm 25 - 75 15
45mm 0 - 15 5
22.4mm 0 - 5 5

Hence, oversize is observed in 53mm sieve. As such, for 10% (25-15) quantity of metal the difference in rate of 53mm and 63mm should be recovered.

Sd/- x x x x
Engineer-in-chief, (R&B) Roads