

ANNEXURE- F
of Section III

Scope of Work: Preventive Maintenance Schedule

Name of work:- "Comprehensive Annual Maintenance Contract (CAMC) of Static Electronic Rail cum Road Weigh Bridge capacity 100 MT for 05 years inclusive all spares & labour cost at Mechanical Workshop, Izzatnagar North Eastern Railway (As per scope of work)"

Detail scope of work during quarterly preventive maintenance

1. Check visual appearance of the load cell, load cell cable, junction box, cable gland connection and indicator.
2. Check clearance around the weigh bridge.
3. Deleted
4. Check input impedance and output impedance; it should be as per the data sheet of load cells.
5. Check lightening of the load cells installation kits, load cells connection and indicator connection. If not make it the same connection.
6. Check mV output at no load, it should be 0.0mV or +/- 0.1mV is acceptable.
7. Balancing to be done by providing packing (SS Sheet, Aluminum Sheet), the same to be confirm by measuring individual load cell output.
8. Measure individual load cell output. Individual load cell output should be equal or ± 0.2 mV of average output of the load cell is acceptable.
9. Measure average mV output of load cells and record it.
10. Check configuration of the indicator, like capacity, readability and calibration weight value. The same to be modified if required.
11. Do software calibration or data sheet calibration if calibration disturbed. Ensure zero in the indicator.
12. Any other items required to be attended during preventive/breakdown maintenance to keep the plant fit for work. Replace or repair any defective part as required for keep the plant fit for work.
13. Calibration of weighbridge to be done and calibration certificate to be issued by appropriate authority.
14. The stamping of Weigh Bridge should be done by state government authority once in year end.


Dy. CM&P/Plant


AVM-IV


SSE/M&P


SSE/MTS


SSE/PM


SSE/WRS

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