



தமிழ்நாடு தமில்நாடு TAMILNADU
CUMMINS INDIA LTD.

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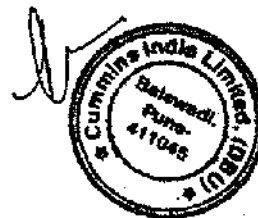
B.NAINA MOHAMED
STAMP VENDOR
L. No: 29 / CH (S) / 2010
Chromepet, Chennai - 600 044.

**RATE CONTRACT FOR D-CHECK OF MAKE ENGINE VTA 1710L of 700 HP DEMU
CONTRACT No. MD/DMU/D-CHECK/RC/700HP/CIL/2016-17 Dt. 24.01.2017**

ARTICLES OF AGREEMENT made this 24th day of January 2017 between the President of India acting through the Chief Design Engineer/Mechanical (CDE/Mech.), INTEGRAL COACH FACTORY, hereinafter called the RAILWAY of the one part and Messrs Cummins India Ltd., Pune whose permanent postal address is Cummins India Office Campus, Tower A, 5th Floor, Survey No. 21, BALEWADI, PUNE- 411 045, Maharashtra, INDIA, hereinafter called the "CONTRACTOR" of the another part.

WHEREAS the CONTRACTOR has agreed with the RAILWAY to enter into Rate Contract for D-Check of CIL make engine VTA 1710L installed on 700 HP DEMU, set-forth in the schedule hereto annexed upon the General Conditions of the Contract for works and Special Terms and conditions and the special specifications, in AND WHEREAS the performance of the said works in act in which public are interested.

S. Brown
मुख्य अभिकल्प इंजीनियर/यांत्रिक
Chief Design Engineer / Mechanical
सवारी डिजा कारखाना
Integral Coach Factory
चेन्नै / Chennai - 600 038.

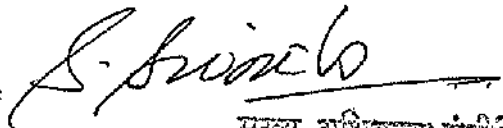


NOW THIS INDENTURE WITNESSETH that in consideration of the payments to be made by the RAILWAY, CONTRACTOR will duly perform the said works in the said schedule set-forth and keep all the conditions therein mentioned (which shall be deemed and taken to be part of this contract as if the same had been fully set-forth herein) and the RAILWAY both hereby agree that the CONTRACTOR shall duly perform the said works in the manner aforesaid and observe and keep said terms and conditions, the RAILWAY will pay or cause to be paid to the CONTRACTOR for the said works on final completion thereof the amount due in respect thereof at the rates specified in the schedules here unto annexed.


It is hereby agreed and declared that all the provisions of said specifications, scope of works and conditions of the Rate Contract which have been carefully read and understood by the CONTRACTOR and the schedule of rates and special terms and conditions contained in Annexure - 1 & 2 respectively, thereof shall be as binding upon the CONTRACTOR and upon the RAILWAYS administration whereas Annexure 1 to 13 shall be part of the contract and if the same had been repeated herein and shall be read as part of the presents.

IN WITNESS thereof the parties have hereunto set their respective hands the day and year mentioned by them.

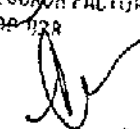

Signed for an on behalf of the
President of India by
Shri. S. SRINIVAS
CDE / Mech.
INTEGRAL COACH FACTORY

Signature of 
Chief Design Engineer / Mechanical
मुख्य अभिकल्प इंजीनियर/यांत्रिक
Chief Design Engineer / Mechanical
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In the presence of Shri. T. Dilip Kumar
(Name of Witness) Dy. CME/ Design-II



उप मुख्य यांत्रिक इंजीनियर
Dy. CHIEF MECHANICAL ENGINEER
(Signature of Witness)
सवारी डिब्बा कारखाना
INTEGRAL COACH FACTORY
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and by Mr. Anand G. Kulkarni
Head Key Account- Rail Segment
duly constituted attorney of and for on behalf of
M/s Cummins India Limited- DBU, Pune,


(Signature of the Contractor)


who has signed in the presents in the presence of
(Name of Witness)
Mr. Ganesh Srinivasan
Sr. Manager Sales - Key Accounts- Rail Segment,
M/s Cummins India Limited/DBU, Chennai.


(Signature of Witness)


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1. GENERAL

Railway Board vide letter No. 98/M(L)/466/35 dated. 29.09 / 03.10.2000 advised ICF to enter into rate contracts with OEM for D-Check of DEMU engines which are already in service. Accordingly, ICF has entered into rate contract for D-Check of 700 HP DEMU engine VTA 1710L with M/s. CIL, Pune. Since adequate facilities are not available at user Railway end, CIL will carry out D-Check at Railways directly or through CIL's dealer. The D-Check shall be carried out at the DMU car shed.

As per CIL's O&M manual - Bulletin No. 3243609-08/12-1999, D-Check is to be carried out for every 6000 hours or 2 years whichever is earlier. Latest RDSO instructions /Guidelines in this regard shall be followed.

The scope of D-Check as specified in CIL's O&M manual (also given in Annexure-3) involves servicing of components, setting of fuel pump and injectors, replacement of Mandatory replacement items and Mandatory replacement with recon exchange and to ensure proper working of engine and its performance after completion of D-Check. During D-Check, if it is found that apart from Mandatory replacement items, certain components/sub-assemblies/assemblies require repair attention or required to be replaced, the same may be attended/replaced treating them as condition based repair/replacement, at an extra cost.

2. VALIDITY OF CONTRACT

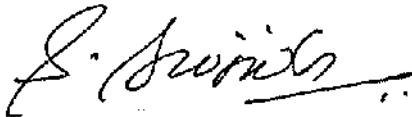
- This rate contract is valid for a period of two years from the date of signing of the contract i.e. from 24.01.2017 to 23.01.2019.
- The Rate contract can be extended for a maximum of one year after the expiry with a price escalation of 4% over the accepted rates of the rate contract.

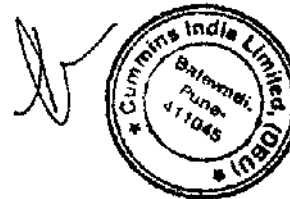
3. VARIATION IN CONTRACT QUANTITIES

This Rate Contract is concluded for a quantity of 48 Nos. of VTA 1710 L Engines. The Railway wise and year wise distribution is hereunder:

Sl. No	Railways	No. of Engines (D-Checks)		
		2017	2018	Total
1	Southern	7	4	11
2	South Central	3	1	4
3	East Central	2	-	2
4	Northern	9	8	17
5	Western *	4	5	9
6	South East Central	2	1	3
7	KRCL	1	1	2
Total		28	20	48

* - The quantity allotted to Western Railway can be operated by either Western Railway or North Western Railway.


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Any variations in the above mentioned quantity has to be dealt with, as given below:

- (i) The above mentioned quantities of engines to be given for D-Check attention are approximate and are only for the guidance for the Contractor/Railways. As far as possible, they have been assessed correctly but are to vary during the execution of the work.
- (ii) For increase up to 25 % of the quantities indicated in the schedule, the contractor shall be paid for such increase in the quantities as per the agreement
- (iii) In case an increase in quantity beyond 25% of the agreement quantity is considered unavoidable, the same shall be got executed by floating a fresh tender. If floating a fresh tender for operating is considered not practicable, quantity will be operated in excess of 125% and above, of the agreement quantity subject to the following conditions:
 - a) Operation of quantity beyond 125% of the agreement quantity, needs the approval of an officer of the rank not less than S.A. Grade:
 - b) Quantity operated in excess of 125% but up to 140% of the agreement quantity, shall be paid at 98% of the rate awarded in that particular tender;
 - c) Quantity operated in excess of 140% but upto 150% of the agreement quantity shall be paid at 96% of the rate awarded in that particular tender;
 - d) Variation in quantity of individual items beyond 150% will be prohibited and would be permitted only in exceptional unavoidable circumstances with the concurrence of associate finance and shall be paid at 96% of the rate awarded in that particular tender.

Execution of quantities beyond 150% of the overall agreement value should not be permitted and, if found necessary, should be only through fresh tenders or by negotiating with existing contractor, with prior personal concurrence of FA&CAO and approval of General Manager.

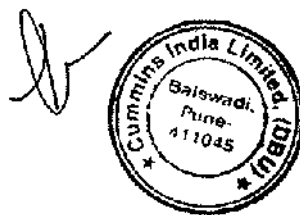
4. SCOPE AND DETAILS OF CONTRACT

1. This rate contract is applicable for CIL engine model VTA 1710L of 700 HP DEMU
2. Scope of D-Check (Annexure- 3) (i.e. D-Check activities to be carried out by Contractor or their authorized Dealer) to be performed at every 6000 hours of operation or 2 years whichever is earlier.
3. Schedule of Rates (Annexure-1).
4. Special Terms and Conditions (Annexure- 2).
5. The contractor shall execute work orders as and when placed by user Railway, for any quantum of work against this rate contract. Payment will be made by user Railways.
6. The number of days required to carry out D-Check shall not exceed 12 working days (including load box installing/testing). Job will be carried out on availability of 100% parts.

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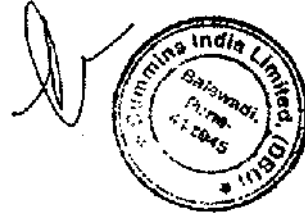
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7. Basic guidelines for performing D-Check, that includes Railways to arrange DEMU pre-shopping report (Annexure-7)
8. D-Check tools available under dealer's responsibility (Annexure-8).
9. Minimum facilities required to be provided by Railways to carry out D-Check in the DEMU car shed (Annexure- 9).
10. Format for DEMU Pre-shopping report (Annexure-10).
11. Format for Scheduled Work Plan for D-Check (Annexure-11).
12. Format for Engine Performance after D-Check (Annexure -12).
13. Details of CIL Service Network (Addresses with Phone & Fax Nos.) for availing service support as shown in Annexure-13.
14. CIL-DBU or their authorized dealer shall conduct the load test after completion of D-Check of engine to ensure satisfactory performance of engine and record the test parameters as per the specification. Railways to arrange facilities for testing the power pack.



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SCHEDULE OF RATES

1. Rates for Mandatory replacement items as per **Annexure – 4.**
2. Rates for Condition based replacement items for as per **Annexure – 5.**
3. Rates for as per **Annexure - 6** for
 - a) Rates for Mandatory replacement with recon sub assemblies,
 - b) Rates for Condition based replacement items with recon sub assemblies,
 - c) Engineer deputation charges and
 - d) conveyance charges

The Rates as entered in this agreement are special and thus would be solely applicable for D-Check of Engines under this Contract. Further, these Rates would not form a base / reference for any other Contracts / Purchases in Railways.

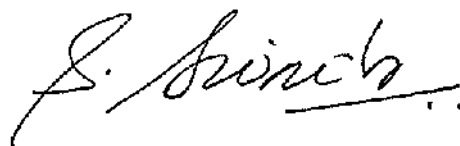
4. The above rates will be valid and binding on Railways as well as CIL, during the contract period i.e. from 24-01-2017 to 23-01-2019 subject to the following:
 - a). Rates are fixed throughout the period of contract as shown in Annexure 4, 5 & 6.
 - b) The Rate contract can be extended for a maximum of one year after the expiry i.e. after 24 months, with a price escalation of 4% over the accepted rates of the rate contract. However, the rates shall be fixed for Engineer deputation and conveyance charges even during the extended period.

5. Taxes & Duties

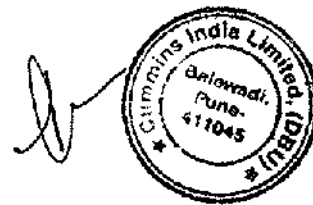
The rates referred in Annexure - 4, 5 and 6 (a) & (b) are inclusive of excise duty, wherever applicable. Railways shall pay the taxes namely, CST/VAT/Local Levies etc. - extra at the rates applicable at the time of raising invoice.

GST Clause: Unless otherwise specified herein, Price charged exclude current and future indirect taxes, duty, cess or levy that may be imposed including Goods and Services Tax GST), under the relevant legislation. Upon the effective date of implementation of any such taxes in the future and/or wherever applicable, Railways shall repay the same to the contractor if recovered from them.

Any changes to the tax structure by the Govt. of India /State Government , would be made applicable during the tenure of the contract.



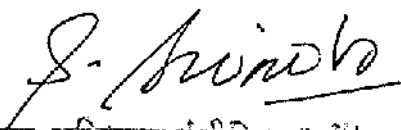
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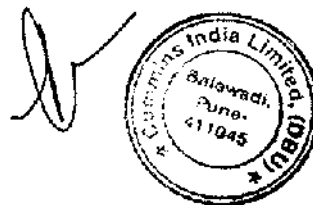


SPECIAL TERMS AND CONDITIONS

1. This Rate contract is for a period of Two years from the date of signing of the contract.
2. The contractor shall execute work orders as and when placed for any quantum of work against the Rate Contract. Work orders will be placed by Zonal Railway Head Quarters/DEMU sheds to CIL- DBU or their Authorized dealer.
3. CIL-DBU will carry out D-Check at Railways, directly or through CIL-DBU dealer.
4. CIL-DBU or their dealer should ensure that all the work orders are completed promptly, within the period stipulated under Clause 13.1.
5. Any work order placed by Zonal Railways against Rate contract on the last day of validity of the contract shall be binding on the contractor on the same terms and conditions of this contract, unless separately agreed between the Parties. **However, in such cases, Railways shall request ICF, for the extension of the Rate Contract to facilitate processing of payments to the contractor.**
6. D-Check is to be performed for the engine operated for 6000 hours or 2 years from the date of commissioning or date of first D-Check.
7. The D-Check activities listed in the O & M manual shall be confirmed by CIL. The latest version of scope including any additions as discussed in various forums like DEMU Coordination Meeting, Meeting with RDSO, User Railways etc. shall be included.
8. Railways shall submit a "Pre-shopping Report" in the prescribed Format, to the Contractor's authorized dealer at least 1 to 1½ months in advance (Annexure-10).
9. Based on the pre-shopping report an activity wise schedule work plan with assigned responsibilities will be prepared jointly by the dealer and the Railway for conducting the D-Check. Both the parties will sign on the mutually agreed "Scheduled Work Plan" and will strictly follow the same. This will avoid delay in completing the work. A sample format of "Scheduled Work Plan" is enclosed as Annexure-11.
10. Both Railways and CIL-DBU or their authorized dealer should nominate a responsible person from their side for the supervision and to monitor the progress of work as per "Scheduled Work Plan". A service report should be made and signed by both the nominated representatives on completion of activities with reference to the "Scheduled Work Plan". In the event of incomplete works, reason should clearly be mentioned in the service report and the incomplete work should be rescheduled and completed within the stipulated period.
11. The CIL DBU or their authorized dealer should ensure the availability of technical manpower, tools including special tools & measuring instruments required to carry out D-Check. Railways to ensure facilities as given under, in the DMU Car Shed where D-Check is being carried out.

- Air compressor (compressed dry air).


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- Welding equipment, gas cylinder, electrodes etc.
- Hydraulic system flushing / cleaning equipment.
- Arrangement of load bank for load trial after the completion of 'D' check.
- Workshop equipments like Vice, Hydraulic press, Drill machines etc.
- Lighting of the engine room/coach throughout the working period without interruptions.
- Secured area for keeping dealers tools.
- Transporting of heavy parts/components inside the Car Shed.
- Decanting & filling of diesel/ lubricating oil/ engine coolant/ hydraulic oil.
- Cleaning of panel filter, diesel tank and radiator
- Arrangement of charged batteries.
- Cleaning of engine with pressurized hot water.

12. Post Payment Audit:

Railways reserve the right to carry out post payment audit and technical examination of the works and final bill including all supporting vouchers, abstract etc. and to make a claim on the contractor for the refund of any excess amount paid to them, if as a result of such examination any over payment made to them is discovered to have been made in respect of any work done or alleged to have done by him under the contract.

13. Completion period:

13.1 Completion of work shall be 12 days only (including load box testing) from issue of Work Order and the No. of days for various activities are as follows:

- a) Completion of D-Check : 10 days
b) Submission of Pro-forma invoice : 02 days

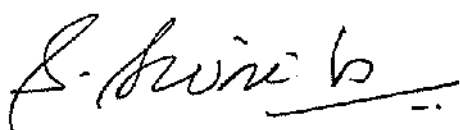
13.2 All the items required to carry out D-Check, shall be procured by Railways from Contractor and kept readily available at their end, before the commencement of D-Check schedule.

13.3 Railways will inform the Contractor or their authorized dealer regarding the likely date on which the DEMU engine shall be made available, at least 7 days in advance of work to be carried out.

14.0 Penalty :

If the contractor fails to hand over the engine duly overhauled within the stipulated 10 days , for the reasons solely attributed to them or their dealers, user Railways shall levy penalty as follows.

- a). From 11th day to 18th day @ Rs.1000.00 per day
b). From 19th day onwards @ Rs.10,000.00 per day. However, maximum penalty shall not exceed 5% of the invoice amount for that particular engine.
c). Levy of penalty as per above, shall be decided by the Zonal Railways/ Diesel Sheds/ Workshops executing the work order.
d). All the items required to carry out the D-Check, shall be procured by Railways from CIL/DBu or their Authorized dealers and kept readily available at their end, before the commencement of D-Check schedule.


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- e). Railways will inform CIL or their authorized dealer regarding the likely date on which the DEMU Engine shall be made available, at least 7 days in advance of work to be carried out.
- f) Date of handing over of the Engine should be documented by Joint Note between Railways and Contractors representative. Any delays on user Railways account shall not be considered in the time frame.

15. Safety Measures:

- 15.1 Contractor or their authorized dealer shall take all the precautionary measures not only to ensure protection of his own personnel moving around while working on the Railway premises, but also shall confirm to the rules and regulations of the Railway in this respect.
- 15.2 The work must be carried out most carefully without any infringement of the Indian Railway Act or the General /subsidiary rules enforced on the Railways in such a way they do not hinder Railway operations to any Railway equipments, structures or rolling stock except as agreed to by the Railways.

16 Return of old parts:

All the released major parts replaced by CIL DBU dealers will be returned to Railways except Recon assemblies since these are exchange assembly and Cummins property.

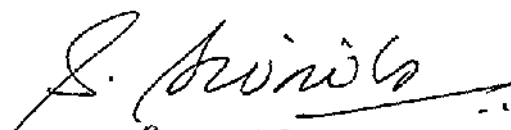
17 Arbitration:

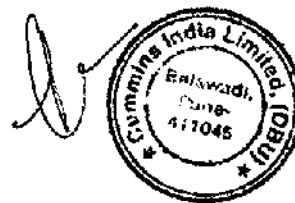
In the event of any question, dispute of difference arising under the conditions of contract (except as to any matters the decision of which is specially provided for by these or the special conditions) the same shall be referred to the sole arbitration of a Gazetted Railway officer appointed to be the sole arbitrator, by the General Manager, Integral Coach Factory-Chennai 38. The Gazetted Railway Officer to be appointed as sole arbitrator, however, will not be one of those who had an opportunity to deal with the matters to which the contract relates or who in the course of their duties as Railway servant have expressed views on all or any of the matters under dispute of difference. The award of arbitrator shall be final and binding on the parties to this contract. As and when appointment of Arbitrator is made by the General Manager the same will be intimated to the firm (CIL DBU). The place of Arbitration shall be in Chennai only. The Courts in Chennai alone shall have exclusive Jurisdiction in all matters arising out of this agreement.

18 Warranty

After D-Check, engine shall be warranted for twelve months from the date of re-commissioning or 3600 hours operation of engine whichever is earlier. Warranty will be limited to the parts replaced including recon subassemblies and subject to normal operation and wear and tear. Warranty will not be covered for components if failed consequently due to failure of other components not replaced during D-Check or due to operation of engine after the defect has been observed in the engine. Rubber parts, hoses and Electrical and Electronic components are not covered under warranty. Security deposit payable to the Railways is to be related till the successful completion of warranty.

19. Security deposit


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Contractor shall ensure that its – Authorized dealer shall pay the Security Deposit & performance bank Guarantee to the concerned User Railways as per the existing rules and regulations as follows:

- a) Security Deposit @ 5% of Supply order value shall be applicable. The same will be recovered from the bills submitted by the Contractor.
- b) Additionally Performance Guarantee @ 5% of the supply order to be submitted within 60 days.
- c) Both Security deposit and Performance Guarantee shall be released after satisfactory completion of work and warranty period is over.

20. Inspection & Testing of engine

The Contractor or their authorized dealer shall conduct the load test after completion of all the activities mentioned in the scope of D-Check of the engine and prove the satisfactory performance of engine and record test parameters as per the format in Annexure - 12. Railways have to arrange facilities for testing. The load test shall be completed within the stipulated period specified in Clause No. 13.1. However, delay in Load Box testing attributable to user Railways cannot be considered as delay on the contractor.


21. Placement of Orders of Parts:

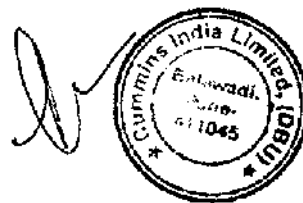
Concerned Zonal Railways / DEMU sheds, shall place a single purchase order on CIL dealerships for all parts falling under this D-Check contract including those parts that are common to the DGS & D Contract. Cost of items that are common to the DGS & D contract as per the contract will be matched to the prevailing DGS & D prices. In case there is a change in rate for DGS & D parts during the D-Check contract period the same shall apply to the D-Check contract to avoid any fall clause issues later on.

- a) Parts covered under DGS&D Rate contract – The price prevailing at the time of placing the order are applicable and the orders will be placed directly on CIL-DBU's authorized dealers.
- b) For items, other than the ones included in (a) above, the prices will be as per Schedule of Rates of this rate contract (Annexure-1) and the orders will be placed directly on respective area dealer of CIL-DBU.
- c) Parts required other the ones included in a & b above, would be ordered by the Zonal Railways/DMU sheds on CIL-DBU's Authorized dealer as per the prevailing list price/ DGS&D Rate contract (if the said items are covered under DGS&D Rate contract). The dealer would submit the offer for the parts required for approval. Railways would release payment directly to CIL-DBU's Authorized dealer as per the approved offer.
- d) Mode of dispatch:
CIL-DBU's authorized dealers will dispatch parts by Road through their approved transporter on direct delivery basis. However, necessary road permits wherever applicable shall be arranged by Railways.

22. Fall clause:

If any items that requires to be changed during the course of D-Check, apart from the items mentioned in the Rate Contract Agreement and the same items are


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available in DGS & D Rate Contract, then the lower rates shall be applicable during the currency of Rate Contracts.

23. Earnest Money Deposit (EMD)

The Contractor has deposited a sum of Rs.20,39,251.00 (Rupees twenty lakhs thirtynine thousand, two hundred and fifty one only) in the form of Demand draft vide DD no. 957028 dated, 22.07.2016 drawn on SBI/Pune payable at Chennai in favour of the Financial Adviser & Chief Accounts Officer, ICF, Chennai – 600 038. The same had been credited to ICF vide C.R. No. 3068/306754 dated. 08.08.2016. The E.M.D. shall be returned to the firm after the agreement forms are signed by both the parties i.e., CIL and ICF.

24. Part Number Supercedence

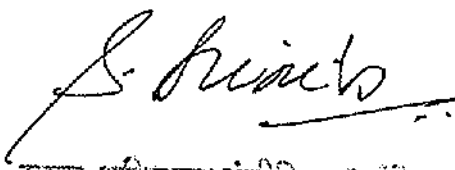
In case part numbers change, CIL-DBU will immediately advice ICF/Zonal Railways, the same and the items with new part numbers will be supplied as per the rates of the equivalent old Part numbers in the rate contract.

25. Provisions of Employees Provident Fund & Miscellaneous Provisions Act 1952:

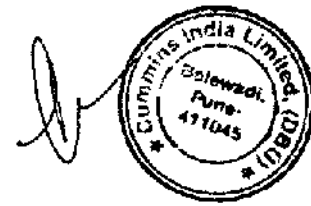
i. The contractor or their authorized dealers shall comply with the provisions of para.30 & 36-B of the Employees Provident Fund Scheme, 1952; Para 3 and 4 of Employees Pension scheme, 1995; and para. 7 & 8 of Employees Deposit Linked Insurance Scheme 1976; as modified from time to time through enactment of "Employees Provident Fund and Miscellaneous Provisions Act, 1952", wherever applicable and shall also indemnify the Railway from and against any claims under the aforesaid Act and the Rules.

ii. The contractor or their authorized dealers is required to comply with the provisions of EPF and M&P Act, 1952 and obtain code number from the concerned authorities whenever workmen employed by him are 20 or more. He shall also indemnify Railways from and against any claim, penalties; recoveries under the above Act & Rules Contractors should get the code number under EPF so as to enable the Provident Fund Commissioners to extend the social security benefits to the workmen engaged by the Railway contractors.

26 Applicable conditions: General conditions of contract.



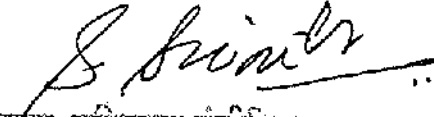
मुख्य अभिकल्प इंजीनियर/वी.ए.
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1) Scope and guide lines for D-Check / Execution of contract.

D check Maintenance has to be carried out at every 6000 hours or, 2 years of operation whichever is earlier.

Sl. No.	D-Check Activities	Replacement of Parts
Air Intake & Exhaust System		
1	Replace air cleaner inner & outer elements.	Mandatory Replacement parts
2	Check / Replace hoses & clamps of air intake piping.	Assessment based parts
3	Check Turbocharger end play & oil leakage through intake, exhaust seals.	Assessment based parts
4	Replace the vacuum indicators	Mandatory Replacement parts
5	Check for leakage in air intake system, if any rectify the same with necessary parts.	Assessment based parts
6	Check for leakage from exhaust system, if any rectify the same with necessary parts.	Assessment based parts
7	Check air intake & exhaust piping supports. Take corrective actions accordingly.	Assessment based parts
8	Replace panel filters.	Assessment based parts
Engine Lubricating System		
1	Replace engine oil	Railways to arrange
2	Replace full flow & bypass filter elements.	Mandatory Replacement
3	Replace all oil line hoses & clamps	Mandatory Replacement
4	Check external oil leakage from head gasket / rocker housing gasket, seals, etc. If necessary, replace the same.	Assessment based parts
Fuel System		
1	Clean water separator assembly.	
2	Replace fuel filter elements.	Mandatory Replacement
3	Replace all fuel line hoses.	Mandatory Replacement
4	Adjust valve & injectors. Check the conditions of push rods, adjusting nut & screws, if necessary replace.	Assessment based parts
5	Check fuel lines & connections for leakage	Assessment based parts
6	Check fuel pump linkages.	
7	Check actuator functioning.	
8	Check LCC governor functioning.	
Cooling System		
1	Use Coolant inhibitor in place of CR element and check the concentration.	
2	Replace all hoses, clamps & coupling O-Rings of cooling system pipe lines and radiator assembly.	
3	Remove radiator assembly from the mounting & clean the radiator assembly.	
4	Check radiator fan operation.	
Hydraulic System		
1	Replace hydraulic oil.	
2	Replace hydraulic oil return filter.	
3	Replace vent pump belts.	

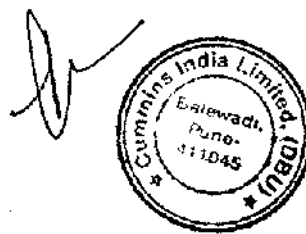

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4	Clean hydraulic system strainer.	
5	Check thermatic valve operation.	
6	Externally clean & check leakage from main hydraulic & ventilation pumps.	
7	Externally clean & check ventilation motor & fan operation.	
8	Externally clean & check radiator motor & fan operation.	
9	Replace complete hydraulic line hoses.	
10	Clean hydraulic oil cooler externally.	
11	Check & set hydraulic system pressure, if necessary.	

General		
1	Check vibration damper, replace if necessary	
2	Check Crank shaft end play accessory drive end play	
Electrical / Electronic System		
1	Check the battery charging system.	
2	Check the operation of gauges in engine control panel & replace, if necessary.	
3	Check magnetic pick up connections.	
4	Check actuator & LCC governor connections.	
5	Clean engine control panel externally.	
6	Check all local and remote control gauges by starting and stopping & replace, if necessary.	
7	Check all the indications on control panel by Operating the 'Test' switch.	
8	Check the tachometer RPM.	
9	Check battery specific gravity & battery electrolyte level.	
10	Check the tightness of wires inside left & right bays.	
11	Blow off all accumulated dirt by low air pressure.	
12	Check the external sensor and wiring to HWT1, HWT2, LLOP, LCWL, LHOL and HOFF switches	
13	Ensure PCB mounting screws and connections are tight.	
14	Tighten Tachometer connections and mounting screws.	
15	Check voltage at battery, starter & control panel input while starting.	
16	Tighten the wires from circuit breaker and contacts.	
17	Firmly pull all wires for ensuring good contact at the connections and check the continuity of wires.	
18	Tighten all the fasteners inside the control panel including contacts mtg. screws.	
19	Clean all contacts of the contacts and circuit breaker by using contact cleaning spray. (Do not spray PCB)	
20	Remove, inspect and replace as required, all external sensors, safety switches and their wiring.	

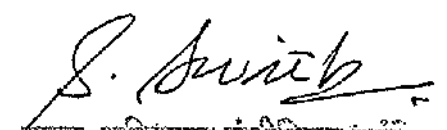
S. Prins
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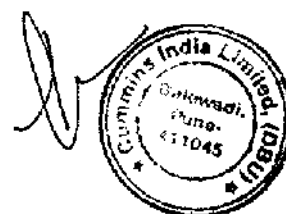


**RATES FOR "MANDATORY REPLACEMENT ITEMS" DURING D - CHECK OF VTA
1710L ENGINE:**

Sl. No.	Part No.	Description	Qty / Engine	Unit Rate (INR)	Extended Rate (INR)	Remarks
1	3081053	HOSE, PLAIN	2	2,308.99	4,617.98	
2	KIT3238519	B CHECK KIT	1	4,880.20	4,880.20	
3	3167226	KIT TEST	2	266.03	532.06	
4	KIT3238358	KIT AIR CLEANER	2	5,466.94	10,933.88	
5	AX1013359	RESTORE PLUS 1GALLON	8	2,092.14	16,737.15	
6	3065060	HOSE,FLEXIBLE	2	2,475.57	4,951.13	
7	216487	GASKET, CONNECTION	2	395.87	791.74	
8	KIT3240239	GASKET SET UPPER	1	17,501.97	17,501.97	DGS&D
9	122981	SEAL O RING	2	58.33	116.66	DGS&D
10	3069103	GASKET PT PUMP MOUNTING	1	112.20	112.20	
11	107981	CAP FILLER	1	361.26	361.26	
12	S 1040 A	ELBOW MALE ADAPTER	9	109.81	988.29	
13	S 983	BUSHING	2	43.46	86.92	
14	S 1047 A	ELBOW MALE ADAPTER	1	72.71	72.71	
15	3392431	ADAPTER	3	692.74	2,078.22	
16	3392432	ELBOW ADAPTER	1	638.34	638.34	
17	3237420	TUBE AIR INLET 5.5"	4	1,909.91	7,639.64	
18	4055281	CLEANER AIR 16" DIA	2	12,893.80	25,787.60	
19	3077199	GASKET HAND HOLE COVER	1	2,022.92	2,022.92	DGS&D
20	3879051	BELT WATER PUMP	2	1,777.25	3,554.51	DGS&D
21	178456	BELT ALTERNATOR	1	471.33	471.33	DGS&D
22	3881246	KIT HOSES	1	18,245.65	18,245.65	DGS&D
23	116935	CONNECTOR MALE	8	25.34	202.70	DGS&D
24	120437	ELBOW MALE ADAPTER	8	67.00	536.04	DGS&D
25	118347	ELBOW MALE UNION	12	184.43	2,213.12	DGS&D
26	129859	CONNECTOR ELBOW	2	264.36	528.73	DGS&D
27	3232992	ADAPTER FUEL	2	172.59	345.18	DGS&D
28	68645	ELBOW	4	119.66	478.63	DGS&D
29	AK6052SS	HOSE REGULATOR RETURN	1	1,162.04	1,162.04	DGS&D
30	116935	ELBOW ADAPTER	2	25.34	50.68	DGS&D
31	118347	ELBOW	3	184.43	553.28	DGS&D

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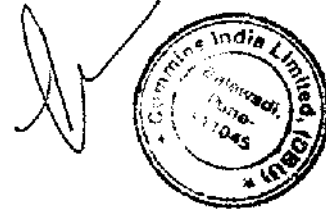

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32	3030772	ELBOW 5.5"x5.5"	2	2,099.20	4,198.39	DGS&D
33	3030790	HOSE HUMP 5.5"	2	406.58	813.15	DGS&D
34	3030514	ELBOW 90 DEG.7"x5.5"	2	1,172.30	2,344.60	DGS&D
35	3872813	VACUUM INDICATOR	2	207.11	414.22	DGS&D
36	3030792	HOSE HUMP 7"	2	609.71	1,219.42	DGS&D
37	140314	CLAMP T BOLT FOR 5.5"	10	132.79	1,327.95	DGS&D
38	3235134	ELBOW REDUCER	2	326.22	652.44	DGS&D
39	125741	CLAMP T BOLT FOR 5.5"	12	130.15	1,561.80	DGS&D
40	125739	CLAMP T BOLT FOR 3.5"	2	108.47	216.94	DGS&D
41	3873738	HOSE ELBOW 7"	2	1,968.00	3,936.01	DGS&D
					1,45,877.64	

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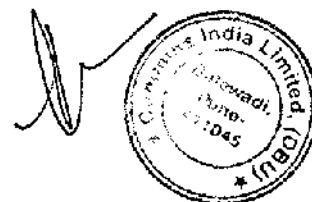
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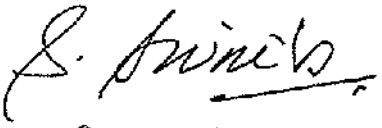
RATES FOR "CONDITION BASED REPLACEMENT ITEMS" DURING D - CHECK OF VTA 1710L ENGINE:

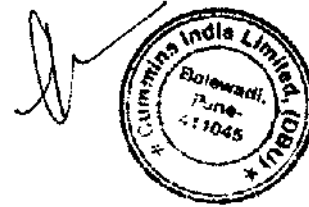
Sl. No.	Part No.	Description	Qty / Engine	Unit Rate (INR)	Extended Rate (INR)	Remarks
1	3166813	HOSE, FLEXIBLE	1	6,705.61	6,705.61	
2	3166814	HOSE, FLEXIBLE	1	4,782.73	4,782.73	
3	AK10076SS	HOSE, FLEXIBLE	3	2,282.26	6,846.77	
4	3007441	SEAL O RING	12	13.48	161.71	
5	181187	GASKET GEAR COVER	1	772.19	772.19	
6	107981	CAP FILLER	1	361.26	361.26	
7	69901	PLUG PIPE	7	27.78	194.44	
8	3008469	PLUG PIPE (3008469)	2	43.12	86.24	
9	3872252	PIPE COUPLING ASSLY	4	557.00	2,228.00	
10	3872278	COUPLING PIPE	4	476.30	1,905.20	
11	3876712	BEARING BALL	2	606.64	1,213.27	
12	145530	SEAL O RING	1	132.92	132.92	
13	3872439	GASKET FLANGE	1	185.93	185.93	
14	3500433	WHEEL & SHAFT	1	34,094.15	34,094.15	
15	3234736	PICKUP MAGNETIC	1	15,836.12	15,836.12	
16	3168061	CONTROL SAFETY	1	43,731.54	43,731.54	
17	3225660	CAP DUST	2	140.25	280.49	
18	3392744	CONNECTOR MALE	1	1,421.22	1,421.22	
19	3229638	CONNECTION ACTUATOR	1	5,604.04	5,604.04	
20	3875875	ACTUATOR	1	158,100.72	158,100.72	
21	AK 8055SS	HOSE, FLEXIBLE	1	1,770.77	1,770.77	
22	3873989	GUAGE OIL PRESSURE	1	1,056.69	1,056.69	
23	3879027	GUAGE PRESSURE	1	10,289.91	10,289.91	
24	4054653	Belt Vee	2	2,096.38	4,192.77	
25	4071915	HOSE, FLEXIBLE	1	1,081.64	1,081.64	
26	4071912	HOSE, FLEXIBLE	1	913.86	913.86	
27	AK 5042SS	HOSE, FLEXIBLE	3	758.33	2,274.99	
28	AK 5009SS	HOSE, FLEXIBLE	4	547.51	2,190.04	
29	3233694	VALVE CHECK	1	1,708.04	1,708.04	
30	3227853	HOSE REDUCING	1	574.72	574.72	
31	3167063	CONTROL GOVERNOR	1	451,718.60	451,718.60	
32	3167062	AMPLIFIER POWER	1	228,457.60	228,457.60	
33	4053829	CONTROL PANEL	1	249,196.11	249,196.11	

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34	2840911	TURBOCHARGER	2	57,985.18	115,970.36	
35	AK 5024SS	HOSE, FLEXIBLE	4	549.55	2,198.20	DGS&D
36	3078124	GASKET HAND HOLE	2	4,454.99	8,909.99	DGS&D
37	2884958	GASKET FLANGE	1	9.87	9.87	DGS&D
38	213272	PICKUP MAGNETIC	1	13,451.49	13,451.49	DGS&D
39	3879053	INDICATOR OIL LEVEL	1	1,923.52	1,923.52	DGS&D
40	3872268	CONNECTOR, PIPE	4	3,003.89	12,015.58	DGS&D
41	3166710	TACHOMETER	1	12,938.87	12,938.87	DGS&D
42	3414783	PANEL AIR FILTER	18	2,750.00	49,500.00	DGS&D
43	64565	GASKET FLYWHEEL	2	20.63	41.26	DGS&D
44	AK160366SS	HOSE ASSEMBLY	1	2,440.45	2,440.45	
45	AK160726SS	HOSE ASSEMBLY	1	3,556.25	3,556.25	
46	AK16022 SS	HOSE ASSEMBLY	2	2,004.96	4,009.92	
47	AK10032 SS	HOSE ASSEMBLY	1	1,446.16	1,446.16	
48	AK1604060SS	HOSE ASSEMBLY	2	2,403.24	4,806.48	
49	AK5015SS	HOSE ASSEMBLY	2	640.68	1,281.36	
50	2870386	HOSE ASSEMBLY	1	794.79	794.79	
51	AK5015SS	HOSE ASSEMBLY	1	640.68	640.68	
52	AK4030SS	HOSE ASSEMBLY	1	794.79	794.79	
53	3392428	HOSE FLEXIBLE	1	6,308.36	6,308.36	
54	3392430	HOSE FLEXIBLE	4	1,623.40	6,493.60	
55	AK160256SS	HOSE MOTOR RETURN	1	1,730.47	1,730.47	
56	AK160726SS	HOSE MOTOR RETURN	1	3,556.25	3,556.25	
57	AK 6052 SS	HOSE ASSEMBLY	1	1,162.04	1,162.04	DGS&D
58	AK 8015 SS	HOSE ASSEMBLY	1	752.46	752.46	DGS&D
59	3392418	HOSE FLEXIBLE	1	4,000.00	4,000.00	DGS&D
60	3392419	HOSE FLEXIBLE	2	4,826.35	9,652.70	DGS&D
61	3392420	HOSE FLEXIBLE	2	6,136.96	12,273.92	DGS&D
62	3392421	HOSE FLEXIBLE	1	2,501.91	2,501.91	DGS&D
63	3392422	HOSE FLEXIBLE	1	1,904.13	1,904.13	DGS&D
64	3392424	HOSE FLEXIBLE	1	6,508.85	6,508.85	DGS&D
65	3392425	HOSE FLEXIBLE	1	3,985.13	3,985.13	DGS&D
66	3392427	HOSE FLEXIBLE	1	1,992.72	1,992.72	DGS&D
67	3392429	HOSE FLEXIBLE	1	6,619.58	6,619.58	DGS&D
68	3392441	HOSE	1	2,067.95	2,067.95	DGS&D
				15,48,310.44		


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A) RATES FOR MANDATORY REPLACEMENTS WITH RECON EXCHANGE OF SUB ASSEMBLIES DURING D-CHECK OF VTA 1710L ENGINE

Sl. No.	Part No.	DESCRIPTION	Qty/ Engine	Unit Rate (INR)	Extended Rate (INR)
1	RO3241793	PT PUMP	1	42,791.93	42,791.93
2	RO3054258	INJECTOR	12	7,150.00	85,800.00
Total Amount					1,28,591.93

B) RATES FOR CONDITION BASED REPLACEMENT WITH RECON EXCHANGE OF SUB ASSEMBLIES DURING D-CHECK OF VTA 1710L ENGINE

Sl. No.	Part No.	DESCRIPTION	Qty/ Engine	Unit Rate (INR)	Extended Rate (INR)
1	RO3241630	Cylinder Head	4	36,161.65	1,44,646.60
2	RO4072621	Water Pump	1	19,329.33	19,329.33
Total Amount					1,63,975.93

1. The above prices are in exchange of old sub-assemblies from Railways.
2. The ReCon exchange is as per Cummins core return standards,
3. Any components not covered in above list, are to be repaired on the basis of estimate submitted by CIL dealer, the same items if available in DGS & D Rate Contract, then the lower rates shall be applicable during the currency of Rate Contracts.

C) ENGINEER DEPUTATION SERVICE CHARGES PER DAY PER ENGINEER

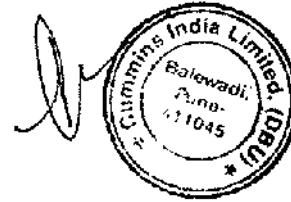
No. of Engineers	Days	Working Hours	Service Charges (Rs.) plus #
01	01	08	5000.00

D) CONVEYANCE CHARGES IN ADDITION TO DEPUTATION CHARGES

Charges/Kilometer (Rs.)	Max. 30 km/day for 12 Days plus #
7.50	2700.00

- Service tax currently applicable. For any changes in tax structure, please refer Annexure - I clause -5.

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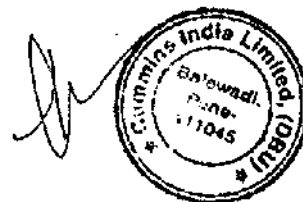
Basic Guidelines for performing 'D' Check

- Railways to arrange "DEMU Pre-Shopping Report" from User Railway at least one-and-half months in advance. CIL Dealer/Area Office will render necessary assistance to User Railway in this regard.
- Based on the "DEMU Pre-Shopping Report" an activity-wise schedule work plan with assigned responsibility will be pro-actively prepared by Railways and Dealer jointly for conducting D-check timely and completely. The "Pre-shopping report" will also determine the condition of the engine for any additional work/ major overhauling requirement based on the recorded parameters. Scheduled work plan for additional work or, engine overhauling, as applicable will also be prepared. Both the parties will sign on the mutually agreed "Scheduled work Plan" and will strictly follow the same. This will eliminate the problem of job incompleteness & delay.
- Both RAILWAYS and CIL dealer should nominate a responsible person for the supervision and assessment on the progress of work. A service report should be made and signed by both the nominated representatives on completion of the activities with reference to the 'scheduled work plan'. In the event of incomplete work, reason should clearly be mentioned in the service report and the incomplete work should be rescheduled.
- RAILWAYS & CIL Dealer should ensure that manpower, materials, consumables, tools & equipment as per the scheduled activity requirement & responsibility are made available for avoiding the unnecessary / unaccountable delay.
- Railways to provide following man power:

Skilled Manpower - 1 person.
Unskilled Manpower - 2 persons.



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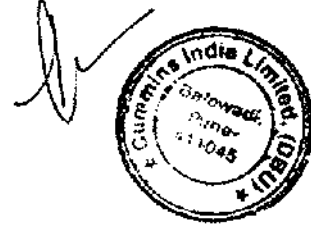


D Check Tools under Dealer's Responsibility

- Standard Tool Box
- Tachometer
- Water manometer
- VT - Blow-by Tool
- Hydraulic oil pressure gauge (350 bar)
- Valve & injector setting tool
- Engine work related torque wrenches
- ST tools, as applicable to engine related work as per the 'Scheduled Work Plan'



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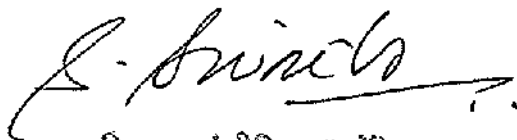


Annexure - 9

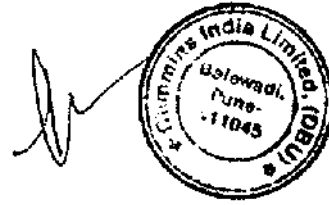
Minimum facilities required to carry our D-Check to be provided by Railways in the DEMU Car shed:

D-Check is to be performed at Railway Car Shed, where the following minimum facilities are to be available along with labour:

- Air Compressor (Compressed Dry Air)
- Overhead Crane.
- Welding Equipment, Gas Cylinder, Electrodes, etc.
- Hydraulic system Flushing / Cleaning Equipment.
- Arrangement of load bank for load trial after the completion of D-check
- Workshop equipments like Vice, Hydraulic Press, Drilling Machine, etc.
- Lighting of the Engine Room / Coach throughout the working period without interruptions.
- Secured area for keeping dealers tools.
- Transporting of Heavy Parts / Components inside the Car Shed.
- Decanting & filling of Diesel / Lubricating oil / Engine Coolant / Hydraulic oil.
- Cleaning of Panel Filter, Diesel Tank and Radiator.
- Arrangement of Charged Batteries.
- Cleaning of Engine with Pressurized Hot Water.



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चेन्नै / Chennai - 600 022.



PRE-SHOPPING REPORT

DPC No. _____ Power pack make _____ Km RUN _____

ESN _____ Date in Service _____ Engine Hrs. Run _____

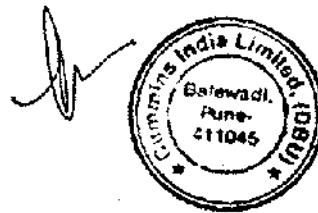
(After commissioning / after first D-Check)

Parameter	Value/ Condition	Parameter	Value/ Condition
Min oil pressure at idle (at working temperature)		Functioning of gauges	
Max. cooling water temperature encountered		Safety devices of cooling water and Lub oil- Functioning/ bypassed/ defective	
Fuel pressure		Hydraulic pump & motors condition	
Smoke level at full load		Lub oil consumption in 500 Hrs.	
Condition of lube oil sludge/ excessive carboning/ diesel dilution		Last PT pump & injectors calibrated on	
Blow-by value		Last B-Check carried-out on	
Governor & actuator working		Last C-Check carried-out on	
Turbo end play/ side clearance		Crank end play	
Accessory drive end play		Lub oil brand & grade being used	
		Hydraulic oil brand & grade being used	
Leakage of water, oil, diesel or air observed			

Major Repairs carried out:

Detail	Hrs. of operation	Date

S. Prasad
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 Chief Design Engineer / Mechanical
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 Integral Coach Factory
 चेन्नै / Chennai - 600 038.



Parts Renewed or Cannibalized from the DEMU:

RPM on Notches:

Notch	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
RPM								
Water Temperature								
Oil Temperature								
Oil Pressure								
Voltage								
Current								
KW load								

Job required to be carried out

Additional information, if any

Note: Details of major repairs carried out or defects noticed during service may be attached with this report.

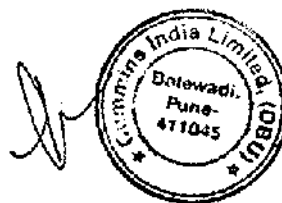
Signature: _____

Name: _____

Designation: _____

Date: _____

S. Anish
 मुख्‍य अभिकल्प इंजीनियर/यांत्रिक
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SCHEDULED WORK PLAN

DPC No. _____ Power Pack make _____ Km RUN _____

ESN _____ Date in Service _____ Engine Hrs. Run _____
(after commissioning/ after first D-Check)


The form to have additional break-up of activities

Date of DEMU receipt					Remarks	
	Activity	Proposed date of completion	Date of actual completion	Reason for delay	Responsibility	Revised date
	Taking shell on pedestals					
	Draining of lub oil, water from DEMU					
	Removal of components					
	Fitment of compulsory replacement items.					
	Fitment of condition based replacement items.					
	Fitment of components					
	Carrying out D-Check activities as per O & M manual.					
	Other maintenance					
	Lowering of shell on bogie					
	Filling of water, lub, Diesel					
	Cranking of engine					
	Load Testing					
	Handing over of performance test reports and load test results and warranty certificate					

Reason for any modification and responsibility must be given in schedule

Signature of
Authorized representative
of CIL DBU DealerSignature of
Authorized representative
of Railways

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 मुख्य अभियंता इंजीनियर/मैकेनिकल
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FORMAT FOR ENGINE PERFORMANCE AFTER D-CHECK

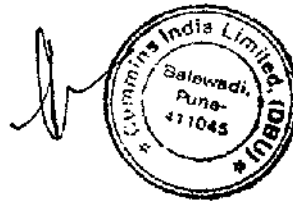
Date of inspection	
Engine Hour Meter Reading	
Low idle RPM	
Oil Pressure at Low idle	
Water temperature at low idle	
Oil temperature at low idle	
High idle RPM	
Oil pressure at high idle	
Oil temperature at high idle	
Hydraulic oil temperature	
Blow-by reading (of water)	
Crank end play	
Acc, drive end play	
Turbo play - LB	
Turbo play - RB	

Signature of
Authorized representative
of CIL DBU Dealer

Signature of
Authorized representative
of Railways

S. Prakash

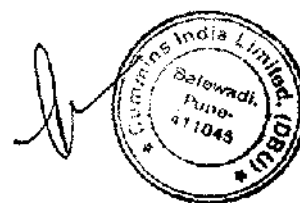
मुख्य अभियंता इंजीनियर/यांत्रिक
Chief Design Engineer / Mechanical
एकीकृत डिब्बा कारखाना
Integral Coach Factory
चेन्नई / Chennai - 600 030.



Details of CIL Service network (Addresses with Phone & Fax Nos.) for availing service support:

Sl. No	Railway	Dealer Name	Postal Address	Contact No.
1	Shakurbasti / Northern Railway	CUMMINS SALES AND SERVICE Pvt. Ltd.	A-135, Sector-63, Noida-201301, DIST. GAUTAM BUDH NAGAR	Tel: 0120-4792444
2	Vadodra / Western Railway	DECCAN SALES & SERVICE PVT. LTD., Vadodara	276/3, Vijay St, GIDC Industrial Estate, Makarpura GIDC, Makarpura, Vadodara, Gujarat- 390010	Tel: 0265- 3042555 Fax: 0265- 3042555
3	Lucknow/ Northern Railway	Excel Diesel, Lucknow	B-2/390, Sector A, Sitapur Raod Scheme, Aliganj, Lucknow 226 021 (UP)	Tel: 0522-4152300/1
4	Kharagpur/South Eastern Railway	Garuda Power Pvt. Ltd.	Joka Industrail plaza, Diamond Harbour Road, Post: Joka Kolkata-700 104	Tel:033-24381028 Fax: 033-24381029
5	Andal/Eastern Railway	Garuda Power Pvt. Ltd.	Joka Industrail plaza, Diamond Harbour Road, Post: Joka Kolkata-700 104	Tel:033-24381028 Fax: 033-24381029
6	Burdwan / Eastern Railway	Garuda Power Pvt. Ltd.	Joka Industrail plaza, Diamond Harbour Road, Post: Joka Kolkata-700 104	Tel:033-24381028 Fax: 033-24381029
7	Malda /Eastern Railway	Garuda Power Pvt. Ltd.	Joka Industrail plaza, Diamond Harbour Road, Post: Joka Kolkata-700 104	Tel:033-24381028 Fax: 033-24381029
8	Siliguri /North Frontier Railway	Garuda Power Pvt. Ltd., Siliguri	Anand Mangal Square, Residential Apartment, Flat No. GA, Station Feeder Road, Siliguri P.O., Siliguri Bazar 734 405, Darjeeling Dist., West Bengal	Tel:0353-2504133 Fax: 033-24381029
9	Trichy/Southern Railway	J N Machinerics Pvt. Ltd., Madurai	Natham Road, Marani Vilakku, Oomachikulam, Madurai 625 014, T.N.	Tel:0452-2680001 Fax:0452-2681515
10	Agra/North Central Railway	Jakson Enterprises Pvt. Ltd., Agra	124, Nehru Nagar, Behind Jai Hospital, Agra, U.P 282 002	Tel:0562-4031400
11	Danapur/East Central Railway	Jaikar Techno Pvt. Ltd.	M-3/21, Sri Krishnapuri, Near Bassawan Park, Patna, Bihar 800001	Tel:0612-3263520 Fax:0612-2541277
12	Sonpur/East Central Railway	Jaikar Techno Pvt. Ltd.	M-3/21, Sri Krishnapuri, Near Bassawan Park, Patna, Bihar 800001	Tel:0612-3263520 Fax:0612-2541277
13	Jamalpur/Eastern Railway	Jaikar Techno Pvt. Ltd.	M-3/21, Sri Krishnapuri, Near Bassawan Park, Patna, Bihar 800 001	Tel:0612-3263520 Fax:0612-2541277
14	Kathihar/North Frontier Railway	Jaikar Techno Pvt. Ltd.	Satpura Colony, Aghoria Bazar, Muzaffarpur 842 004, Bihar	Tel:0621-2273226/27
15	Raipur/South East Central Railway	KARM Sales & Service, Raipur	Barkat Piazza, Near Lukkad Petrol Pump, Post: Tatiband, Rind Road No. 02, Hirapur, Raipur (C.G.) Pin 492 099	Tel:0771-4015100 Fax:0771-4015151
16	Krishnarajapuram/ South Western Railway	Maniranjana Diesel Sales & Service Pvt. Ltd., Bengaluru	1/7, NGEF Layout, Sadanand Nagar, Next to ESI Office, Byanappahalli, Bengaluru 560 038 (Karnataka)	Tel:080-33143314 Fax:080-33143250

S. Srinivas
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17	Nagpur/South East Central Railway	Midland Diesel Services Pvt. Ltd., Nagpur	W-46, MIDC, Hinga Road, Nagpur 440 016, Maharashtra	Tel:07104-237544/235244/646066/67 Fax:07104-235245
18	Satna/Central Railway	Midland Diesel Services Pvt. Ltd., Nagpur	W-46, MIDC, Hinga Road, Nagpur 440 016, Maharashtra	Tel:07104-237544/235244/646066/67 Fax:07104-235245
19	Badgam Shed/Northern Railway	Pal Engineers, Jammu.	Sewa Complex, Opp. Fire Station, Jammu 180 010	Tel:0191-2484028/9 Fax:0191-2484059
20	Chennai/Southern Railway	Powerica Ltd. (Service Division), Chennai	A23, Thiru-VI-Ka Industrial Estate, Guindy, Chennai 600 032, T.N.	Tel:044-42424444
21	Jaipur & Ajmer/North Western Railway	Rajasthan Diesel Sales & Service, Udaipur	E-39/40, Road No. 5, Mewar Industrial Area, Madri, Udaipur 313 003, Rajasthan	Tel:0294-3051400/1 Fax:0294-2491697
22	Guwahati/North Frontier Railway	Sachin Sales & Service, Guwahati	JS Tower, 61, Hockey Stadium Road, Sawkuchi, Guwahati 781 040	Tel:0361-2229135 Fax:0361-2229561
23	Vijayawada/South Central Railway	Srinivasa Sales & Service Pvt. Ltd., Vijayawada	#27-33-46, Gudavallivari Street, Governorpet, Vijayawada 520 002 (A.P.)	Tel:08662571882/2576806 Fax:0866-2575335
24	Moula Ali/South Central Railway	Srinivasa Sales & Service Pvt. Ltd., Vijayawada	6-2-101/1 to 26, A Block, 2 nd Floor, Vikranti Centre, Balanagar, Hyderabad 500037 (Telangana)	Tel:04067174444F ax:040-23775971
25	Jalandhar/Northern Railway	Sudhir Sales & Services Ltd. Ludhiana	Verma Arcade, B XX-2027, Gobind Nagar, Mayanagar, Ludhiana, Punjab 141 001	Tel:0124-4168000
26	Ahmedabad/Western Railway	Sudhir Sales & Services Ltd. Ludhiana	B 501, Safal Pegasus, Prahaladnagar, Ahmedabad 380 015, Gujarat	Tel:079-6617003 Fax:079-6617005
27	Madgoan/KRCL	Trinity Mahalasa Durga Sales & Services, Goa	Pandit Niwas, Near PWD Office, Baina, Vasco Da Gama, Goa 403 802	Tel:0832-6720300 Fax:0832-2514072
28	Jodhpur & Ajmer/North Western Railway	URSS Tech Services Pvt. Ltd., Jaipur	B-2, Jayanti Market, Mirza Ismail Road, Jaipur 302 001, Rajasthan	Tel:0141-2367884/2367883/2367890 Fax:0414-2362559
29	Gorakhpur/North Eastern Railway	Excel Diesel, Lucknow	B-2/390, Sector A, Sitapur Road, Scheme, Aliganj, Lucknow 226 021, (U.P.)	Tel:0522-4152300/1
30	Gonda/North Eastern Railway	Excel Diesel, Lucknow	B-2/390, Sector A, Sitapur Road, Scheme, Aliganj, Lucknow 226 021, (U.P.)	Tel:0522-4152300/1
31	Varanasi/North Eastern Railway	Jakson Enterprises Pvt. Ltd.	S-2/644, M1, Varun Vihar Colony, Club Road, Sikraul, Varanasi 221 002 (U.P.)	Tel:9721445511
32	Izzatnagar, Bareilly/North Eastern Railway	Cummins Sales & Service Pvt. Ltd.	A-135, Sector-63, Noida 201 301, Dist. Gautam Budh Nagar	Tel: 0120-4792444
33	Mumbai/Central Railway	Powerica Ltd. (Service Division) Talaja	B-8, MIDC Industrial Area, Talaja, Dist. Raigad, 410 208	Tel:022-27405650 Fax:022-27405699

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