



भारत सरकार – रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ – 226 011
EPBX (0522) 2451200
Fax (0522) 2458500



Government of India - Ministry of Railways
Research Designs & Standards Organisation
Lucknow – 226 011
DID (0522) 2450115
DID (0522) 2465310



No. MC/TS/BD

Date: As Signed.

**M/s Medha Servo Drives Pvt., Ltd.,
2-3-2/A, Behind Mint Compound, Cherlapally,
Hyderabad – 500 051 (Telangana), India.
E-mail: marketing@medha.com**

- Sub** Submission of OGA Layouts of Inner and Outer Coil Springs of M/s G.B. Springs make for Trainset 44 Project.
- Ref:**
- M/s Medha Servo Drives Pvt. Ltd., Hyderabad's letter No. MAE675UV2: RDSO:2880:2024 dated 28.05.2024.
 - This office letter No. MC/TS/BD dated 07.06.2024.
 - M/s Medha Servo Drives Pvt. Ltd., Hyderabad's letter No. MAE675UV2: RDSO:3209:2024 dated 13.06.2024.
 - M/s GB Springs (P) Ltd. Dehradun's letter No. GBS/D/RDSO/2024/001 dated 01.07.2024.
 - This office Note No. MC/TS/BD dated 29.07.2024.
 - M/s Medha Servo Drives Pvt. Ltd., Hyderabad's letter No. MAE675UV2: RDSO:4584:2024 dated 20.08.2024.

Vide letter under reference (i), M/s Medha has quoted the Railway Board PO No. 2020/RS(WTA)-515/Train-sets/874/1 dated 16.02.2021 and submitted the OGA Layouts of Inner and Outer Coil Springs of M/s G.B. Springs make for Trainset 44 Project as an alternate make and approval. Moreover, vide letter referred at (iii), M/s Medha offered call letter for Fatigue Test and First Article inspection of Coil Springs of M/s GB Springs make for Trainset 44 Project. The documents received from M/s Medha were examined at RDSO and deficiencies observed was advised to M/s Medha for compliance vide this office letter No. MC/TS/BD dated 07.06.2024 under reference (ii) In response, M/s G.B. Springs (P) Ltd., Dehradun submitted the revised OGA Layouts and Type Test/Routine Test Protocols of Inner and Outer Coil Springs for Trainset 44 Project vide letter referred at (iii). The same were examined at RDSO and found in order.

Accordingly, RDSO had carried out the First Article Inspection of Coil Springs of M/s GB Springs make for Trainset 44 project from 29.06.2024 to 03.07.2024 and 13.08.2024 & 14.08.2024. During the inspection and sample testing, observations and test results found in-line with type test protocols, applicable drawings & specification. Vide letter referred at (vii), M/s Medha has again requested RDSO to review the Type Test Reports of M/s G.B. Springs (P) Ltd., Dehradun and provide Type Test Clearance. The same has been examined at RDSO and found in order.

In view of above, type test results of Primary Outer & Inner Coil Springs to drawing no. MT18Br2001449-8 & MT18Br2001448-8 respectively of M/s G.B. Springs (P) Ltd., Dehradun are found to be acceptable for use in Train Set 44 Project.

DA: Nil.

Digitally Signed by Prabhat
R. Shukla
Date: 29-10-2024 10:14:42
Reason: Approved

**(Prabhat Ranjan Shukla)
Director/VDG-I/Carriage
for Director General/Carriage**

Copy to: For kind information please.

- EDME (Coaching), Railway Board, Rail Bhawan, New Delhi – 110 001.**
- Exc. Dir./PS&EMU Dte. /RDSO:** For kind information please.