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सत्यमेव जयते

भारत सरकार-रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ-226011
Government of India - Ministry of Railways
Research, Designs & Standards
Organization, LUCKNOW - 226011

No. EL/3.1.22/4

Dt. 21.08.2018

मैसर्स भारत हैवी इलेक्ट्रीकल लिमिटेड,
ट्रांसफार्मर डिवीजन,
पो.ओ.-भेल, झांसी -284 129.

Sub: Minutes of Meeting on progress of WAG9H Locomotive at RDSO, Lucknow held on 21.08.2018.

A meeting was conducted with representatives BHEL, Jhansi at RDSO, Lucknow on 21.08.2018 on subject matter. In this regard, minutes of meeting is enclosed herewith for information.

संलग्नक: यथोक्त।
प्रतिलिपि:

(पी. के. सारस्वत)
कृते महानिदेशक/विद्युत

- सचिव/विद्युत, रेलवे बोर्ड, रेल भवन, नई दिल्ली (ध्यानाकर्षण: श्री ए. के. गोस्वामी, निदेशक /आरएस/रेलवे बोर्ड) – For kind information.
 - मुख्य विद्युत इंजीनियर, मध्य रेलवे, मुम्बई सी.एस.टी – 400 001
 - मुख्य विद्युत इंजीनियर, पश्चिम मध्य रेलवे, जबलपुर – 482 001
- } For kind information & necessary action at your end.

संलग्नक: यथोक्त।

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Minutes of Meeting on Progress of WAG9 locomotive to be manufactured and supplied by M/s BHEL against RB Order No. 2017/RS(F)/P-459/1/OP-231 dt 11.08.2017 at RDSO Lucknow on 21.08.2018

Members Present

A)	RDSO, Lucknow (S/Shri)	B)	M/s BHEL Jhansi (S/Shri)
	1. O.P. Kesari, PEDSE		1. Vinod Kumar, AGM/Engg.
	2. Yatendra Kumar, ED/IE/BPL		2. Ashim Kumar, DGM /Comml.
	3. S.K. SAXENA, SSE/RDSO/JHANSI		

1) A progress review meeting on manufacturing of WAG9H locomotive with representatives of M/s BHEL, Jhansi was held in PEDSE's chamber on 21.08.2018 against WAG9H locomotive supply order of 30 nos. of WAG9H locos on M/s BHEL. PEDSE welcomed all the representatives from firm and Railways. The deliberations of the meeting are as follows:

2) The status of first locomotive under manufacturing at BHEL Jhansi is as follows:

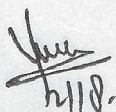
I. Equipment mounting-	Completed
II. Cabling and wiring-	Completed
III. Pneumatic wiring-	Completed
IV. Bogie Assembly-	Completed
V. Body lowering on bogie-	Completed
VI. General inspection Electrical/Mechanical & Pneumatic (Internal)-	Completed
VII. General inspection Electrical/Mechanical & Pneumatic (RDSO)-	In Progress
VIII. Completion of General inspection by RDSO-	23/08/2018
IX. Completion of internal testing (LT+HT+Pneumatic)-	30/08/2018
X. Starting of RDSO testing (LT+HT+Pneumatic)-	01/09/2018
XI. Completion of RDSO testing-	10/09/2018
XII. Finishing and dispatch of locomotive-	15/09/2018

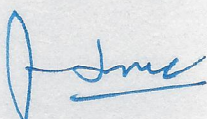
3) RDSO has initiated the inspection of first WAG-9H loco manufactured by BHEL Jhansi at their works.

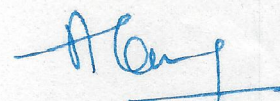
4) In bogies supplied by M/s Anoop Malleable is to be inspected by SSE/C&S, RDSO/LKO at Jhansi for modified motor support.

5) It was pointed out by RDSO that all safety items i.e. motor support, suspension system of bogie, under slung compressor, bogie traction rod and its fitment, pivot post, cattle guard etc. should be thoroughly verified and inspected to insure safety.

6) Light run test to be carried out between Jhansi and Khajraha and final load trial will be carried out with adequate precaution in Jhansi division. During such load trial, officials of Railways and BHEL shall be present. After successful round trip


h/18.



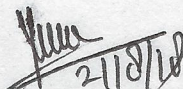


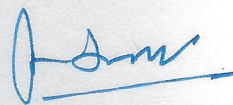
load trial, loco shall be returned to BHEL Jhansi and then will be finally dispatched to homing shed.

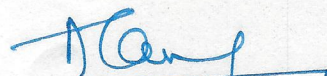
- 7) As per Railway Board letter no. 2017/RSF/P-459/1/OP/231 dated 06.02.2018, first 15 locomotives shall be dispatched to ELS/AJNI(AQ) and from 16th to 30th loco to ELS/Katni (NKJ).
- 8) Final testing HT/LT shall take place between 01/09/2018 to 10/09/2018. During this period SSEs from homing shed i.e. ELS/AQ & NKJ shall also be invited for inspection. The PCEE/CR and WCR is requested to depute their representative from ELS/AQ/CR and ELS/NKJ/WCR for associating with the testing of locos.
- 9) Further production planning submitted by M/s BHEL Jhansi is tabulated as under:

S. No.	Month	No. of WAG-9H loco planned for dispatch
1	Sept. 2018	1
2	Oct. 2018	1
3	Nov. 2018	2
4	Dec. 2018	3
5	Jan. 2019	4
6	Feb. 2019	4
7	Mar. 2019	5
	Total	20

- 10) M/s BHEL have confirmed that all items for manufacturing the loco has been procured from approved Railway vendors.


Sh. Yatendra Kumar
ED(IE)/BPL /RDSO


Sh. Vinod Kumar
AGM/Engg./BHEL


Sh. Ashim Kumar,
DGM /Commml./BHEL