

Minutes of Meeting held between M/s Methods India Pvt Ltd and M/s MTC at Nuvoco Vistas Cement, at Jojobera, Jamshedpur on 3 October 2021.

Members Present

M/s Methods India Pvt Ltd

- 1) Mr. R. Ramesh
- 2) Mr. Suresh Kumar

M/s Nuvoco Vistas cement

- 1) Mr. Himanshu
- 2) Mr. A.K Singh

M/s MTC

- 1) Mr. Raunak Karnik

Mr. Raunak Karnik of MTC reported on site on 23/9/2021 as per the call from M/s Methods India Pvt. Ltd. Regarding commissioning of Chain Bucket Elevator (MTC GA Drg.: S-109005 D-1342) supplied by MTC for coal crusher. Following are the details of the activities observed,

Chain Bucket Elevator NBC 300HK, Equipment no: CBE01(MTC D-1342 GA No.:S-109005).

- 1) MTC Engineering reached site on 23/09/2021. Assembly of Tail casing, Intermediate casing assembly, W/A casing and Head casing, Drive Platform, O/P coupling, Chain, Buckets were completed before arrival of MTC engineer.
- 2) MTC asked for the record of installation protocols followed for above activities. No records found.
- 3) MTC had advised not to install buckets without running empty chain for 1 hour as per standard practice. Same was not done.
- 4) a) MTC observed sway bracing not installed at head casing after the alignment hence MTC checked the casing alignment with available space and found misaligned. Same was attended and found okay  
b) Head shaft master level could not be checked as Buckets were installed. Hence water level checked and found to be within  $\pm 1$ mm.
- 5) a) It is observed that the Drive platform manufactured by MIPL is not as per drawing provided by MTC. Platform is manufactured as per MIPL Drawing and actual manufactured platform has dimensional deviation with respect to MIPL drawing. MTC suggested to make platform as per MTC drawing but only few modifications were made to existing structure.  
b) Platform was supported from external structure. MTC instructed to support the platform from casing only and 2 supports have been installed at 40 degree. We suggest to install 3<sup>rd</sup> support also.
- 6) a) 1<sup>st</sup> Sway bracing from tail shaft could not be installed as there is no access.

- b) 2<sup>nd</sup> and 3<sup>rd</sup> sway bracing locking found loose, instructed to assemble it properly. This was done.
- 7) It was observed that no expansion joint was used after discharge chute of head casing. Advised to install the expansion joint and support the chute ducting separately from external structure. (Not to be supported from elevator).
- 8) Auxiliary drive is not installed. Gear box auxiliary shaft was LH and RH was required (Gear box in scope of MIPL). Same gear box is used.
- 9) Informed the customer to maintain proper chain tension. Not to keep chain too tight or too loose.
- 10) MTC Insists to install all safety devices and keep them on while running condition.
- 11) No Load trial conducted for 1 hour. Found okay. Current reading was not available at the moment.
- 12) Instructed to retighten the bucket bolts and tack welding before Load trial.
- 13) MTC Service engineer leaving site on 3/10/2021.

Singh. Vishnu  
Swadesh  
03/10/2021

