

Indian Railways
Centre for Design & Development
Chittaranjan Locomotive Works
PO: Chittaranjan, West Bengal. PIN: 713331
Fax: (+91) 341-2526153, Ph: (+91) 341-2525550



738

No. C-D&D/T/24(Part)/CGPISL

Date: 02.05.2022

Sr.DEE/ELS/BJU
East Central Railway

Sub: Limited approval for downloading software version 27 Beta in M/s CGPISL make IGBT based Traction Converter

Ref: M/s CGPISL Letter No. CLW/SW/PC/IGBT/2022/April 25 dated 26.04.2022

1. In reference to reliability meeting held at RDSO on 18/04/2022 for propulsion system. M/s CGPISL has provided software version 27 beta with new strategy for fast System stop Sequence which will stop the switching of all IGBTs during any IGBT error and will lock the pulsing of converter.
2. It has been decided that Trail Test software version 27 Beta maybe allowed for downloading in Loco No. 32215 and 32207 homed at ELS/BJU/ECR for recording the cause of module failure.
3. It is to be noted that with this software version if IGBT error detected in the power module it will lock the converter and will not allow to reset through BL key. Reset will be allowed only through erasing the non-volatile memory for which diagnostic will be required. Hence this may cause isolation of one bogie while in service. Hence trial maybe done keeping this aspect in consideration.

DA: reference above


02/05/2022

(Pankaj Kumar)
Dy.CEE/D&D-1

Copy to


CELE, East Central Railway

: For Kind information please

M/s. CGPISL,

CG House, 6th floor, Dr. Annie Besant Road
Worli, Mumbai- 400 030

: For Kind information and necessary
action please


(Pankaj Kumar)
Dy.CEE/D&D-1