**Evaluation Test of Current Collecting Performance of Aged and Deteriorated Damper Hanger** 

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Rules on replacement cycle and maintenance method of damper hangers used for the composite type simple catenary system installed in high speed sections of the meter-gauged lines have not been established. Therefore, we investigated deterioration of removed damper hangers used for 25 years and confirmed that there was no significant deterioration of internal parts. By checking their damping performance and performing a line test, it was confirmed that 25 year aged composite type simple catenary system has good current collection performance. Furthermore, by simulating, it was found out that the characteristic change of the damper hanger has not significant impact on the current collection performance at the stage of elapse of 25 years, and it is possible to continue to use the damper hanger.