REPORT ON PROGRESS OF WORK UNDER IEC TC 7/ MT2- PT 61089

PT61089: Created based on decision during Plenary session, held on November 10th 2023

Objective: Merging IEC 61089 and 62219 with the extension to metallic conductors (Type 0, Type 1 and Type 2) and updating the tests methods. The new standard would be IEC 63559.

Project Leaders

(i) Régis CLERC (FRANCE)
(ii) Zhenpei DING (CHINA)

Total number of registered members: 25 [As per Minutes of meeting held on 18.09.2024]

[1]	Main topics and issues under discussion in the WG	• Scope & Target dates • Working plan/ method and decision on conducting monthly meetings • Definitions, • General Requirements • Calculation Methods • Designation system • Tests
[2]	Any specific project/standard(s) you are associated with	IEC 63042/ WG-2 of TC-122 IEC 63559/ PT 61089 IS-398 [Part 2] IS-398 [Part 4] IS-398 [Part 6] IS-5613 [Part3-Sec1] IS-5613 [Part3-Sec2]
[3]	Your specific contributions (please highlight) and any significant input provided during this period, or since you joined the WG, whichever is later	**1.** Tolerance on Drum length: One of the proposals for limiting the variation in drum length to +/- 0.25% or -0/+0.5% was opened for discussion in 3rd meeting. The undersigned shared the provisions of IS 398 (Part 2) and practice being followed by major Indian transmission utilities for keeping the tolerance as +/-5%. **2.** Joints: In line with the IS-398 (Part 5) & prevailing practices in India, it was proposed to introduce the prescription in IEC to forbid joints during stranding on the outer layer to prevent corona or damages during stringing and maintenance. This was accepted by the members. **3.** Categorization of tests: Active participation was provided on categorization of tests into the 3 categories- compliance, characterisation & performance.
[4]	Your vision on how your continued participation in these WG will help	As a key member of ETD-37 and the convener of Subcommittee-1, I am actively involved in the development and updating of Indian standards for

	India's interest and development of standards at national level as well.	overhead line conductors. My participation in IEC TC 7 [Overhead Electrical Conductors] would not only facilitate the alignment of Indian standards with international IEC benchmarks but also allow for the integration of Indian practices and interests into the evolving IEC standards. This engagement would ensure that our standards reflect both global best practices and the unique requirements of our region, ultimately fostering improved safety, efficiency, and innovation in our electrical infrastructure. One of the latest inputs was gathered in the context of mass of zinc coating & no. of dips for Uniformity of Zinc coating Test as specified for galvanised steel strands in IS 4826 & IS 12776. As per the above Indian standards, the minimum requirements i.r.o. mass of zinc & no. of dips are permitted to be reduced by 5% and 0.5 dips respectively, in case test carried out after stranding. Based on the above provisions in Indian standards, this aspect was discussed in IEC TC-7/ MT2 meeting held on 18/09/2024 for respective provisions being drafted for the new IEC 63559. The technical discussions held in the IEC meeting in this context would be helpful in guiding further deliberations in the ETD-37 meetings on this issue.