DRAFT AMENDMENT NO. 1

TO

IS 2026 (PART 5): 2011 POWER TRANSFORMERS
PART 5 ABILITY TO WITH STAND SHORT CIRCUIT
(First Revision)

(*Page 4, Table 3*) — Substitute the following for the existing:

Table 3 Maximum Permissible Values of the Average Temperature of Each Winding After Short Circuit

Sl No.	**Transformer Type**	**Insulation System Temperature (Thermal Class in Brackets) °C**	Maximum Value of Temperature °C	
			Copper	Aluminium
(1)	(2)	(3)	(4)	(5)
(i)	Oil-immersed	105 (A)	250	200
(ii)	Dry	105 (A)	180	180
		120 (E)	250	200
		130 (B)	350	200
		155 (F)	350	200
		180 (H)	350	200
		200	350	200
		220	350	200

NOTES

1 In the case of windings made of high tensile strength aluminium alloys, higher maximum values of temperature, but not exceeding those relevant to copper, may be allowed by agreement between the manufacturer and the purchaser.

2 When insulation systems other than thermal Class A are employed in oil-immersed transformers, different maximum values of temperature may be allowed by agreement between the manufacturer and the purchaser