

Item	Test Item	REF. Standard	Procedure	Requirements	Comments
1	Chemical Composition	ASTM A 518□ IPS-M-TP-750□ BS 7361-1□	Chemical analysis	ASTM A 518/ Table 1 (Grade 3)□ IPS-M-TP-750/1/ Table 1 □ BS 7361-1/ Paragraph 3.6.2.1 □	
2	Physical Properties	IPS-M-TP-750/1	ASTM E 10 ASTM B 193 ASTM A 327 (Charpy Type)	Table 2	
3	Weight and Dimensions	IPS-M-TP-750/1	Weight measurement with balance and dimensions measurement with meter and caliper	Paragraphs 10.1, 10.2 and 10.5	
4	Anode Appearance	IPS-M-TP-750/1	Visual analysis and caliper	Paragraph 9.1	
5	Mechanical Resistance	IPS-M-TP-750/1	Applying uniaxial force to 100 kg, or five times the mass of the anode metal, whichever is the greater	Paragraph 9.2	
6	Electrical Resistance	IPS-M-TP-750/1	Applying current and measurement voltage	Paragraph 9.3	
7	Fluoropolymer Insulated Anode Lead Wire	IPS-M-TP-750/1		Paragraph 9.5	
8	Radiographic	IPS-M-TP-750/1	The anode shall show no internal defects	Paragraph 9.6	