

Table E.II.2: ECDA Tool Selection Matrix

CONDITIONS	CIS	DCVG	ACVG	Pearson	Electro-magnetic
Coating holidays	2	1,2	1,2	2	2
Third party damage	2	1,2	1,2	2	2
Anodic zones on bare pipe	2	NA	NA	NA	NA
Near river or water crossing	2	NA	NA	NA	2
Under frozen ground	NA	NA	NA	NA	2
Stray currents	2	1, 2	1, 2	2	2
Shielded corrosion activity (See Notes)	NA	NA	NA	NA	NA
Adjacent metallic structures	2	1, 2	1, 2	NA	2
Near parallel pipelines	2	1, 2	1, 2	NA	2
Under HVAC overhead elect transmission lines	2	1, 2	1, 2	2	NA
Shorted casing	2	1, 2	1, 2	2	2
Under paved roads	NA	NA	NA	NA	2
Uncased crossing	2	1, 2	1, 2	2	2
Cased crossing	NA	NA	NA	NA	2
At deep burial locations (See Notes)	2	1, 2	1, 2	2	2
Wetlands (Limited)	2	1, 2	1, 2	2	2
Rocky terrain/ rock ledges/rock backfill	NA	NA	NA	NA	2