

PEARL Reconditioning Standards			
<b>INSULATION RESISTANCE TEST TEMPERATURE CONVERSION TO 20°C VALUES</b>	Revision		
	Reference	Number	Date
	<b>6011</b>	5	11-2008

## TABLE 11

### Insulation Resistance Test Temperature Conversion to 20 °C Values

Temperature		Multiplier	
Degrees Celsius (°C)	Degrees Fahrenheit (°F)	Apparatus Containing Immersed Oil Insulation	Apparatus Containing Solid Insulation
0	32	0.25	0.40
5	41	0.36	0.45
10	50	0.50	0.50
15	59	0.75	0.75
20	68	1.00	1.00
25	77	1.40	1.30
30	86	1.98	1.60
35	95	2.80	2.05
40	104	3.95	2.50
45	113	5.60	3.25
50	122	7.85	4.00
55	131	11.20	5.20
60	140	15.85	6.40
65	149	22.40	8.70
70	158	31.75	10.00
75	167	44.70	13.00
80	176	63.50	16.00

Reproduced from NETA MTS – 1997 Table 10.14