

**Annexe I****CALCULATIONS FOR ADJUSTMENTS FOR MOISTURE CONTENT**

In this Annexe the applicable coal quality parameters are denoted as follows:

$EM$  = Equilibrium Moisture content of coal for a Pre-certified Stockpile, which shall be deemed to be 8%, unless determined otherwise

$TM_W$  = Total Moisture content of coal after rain

$TM$  = Total Moisture content of sample

$IM$  = Inherent Moisture content as measured in the laboratory

$TM_R$  = Total Moisture content of rail coal sample

**For example:**

if  $EM = 8\%$ ,  $TM_W = 13$ ,  $TM = 8\%$ ,  $IM = 4\%$ , and  $TM_R = 10\%$ , then:

**CV Adjustment Factor for pre-certified coal (washed product):**

$$CVAF = \frac{100 - EM}{100 - IM} = \frac{100 - 8}{100 - 4} = 0.958$$

**CV Adjustment Factor for pre-certified coal (crushed and screened product):**

$$CVAF = \frac{100 - TM}{100 - IM} = \frac{100 - 8}{100 - 4} = 0.958$$

**Adjustment Factors for coal accepted in terms of clause 16 of the Standard Terms and Conditions of Coal Supply:**

$$CVAF = \frac{100 - EM}{100 - IM} = \frac{100 - 8}{100 - 4} = 0.958$$

$$TAF = \frac{100 - TM_W}{100 - EM} = \frac{100 - 13}{100 - 8} = 0.946$$

**CV Adjustment Factor for pre-certified coal for rail (crushed and screened product):**

$$CVAF = \frac{100 - TM_R}{100 - IM} = \frac{100 - 10}{100 - 4} = 0.938$$