



## Australian Racing Board

### AMENDMENT TO AUSTRALIAN RULES OF RACING

#### Summary:

Racing authorities have recognized a phenomenon of elevated testosterone levels in excess of the threshold for testosterone in AR.178C(1)(g)(i) in race day urine samples arising from unusual endogenous adrenal gland production in certain geldings. These findings were repeatable in the affected individuals. Subsequently, new AR's 177C and 178G were introduced to deal with the consequences of these unusual findings in the affected geldings.

More recently, a similar issue has been identified in a very small number of female thoroughbreds, again a repeatable phenomenon in the affected individuals.

As for geldings, there is the need to address the consequences of atypical endogenous elevations in affected female racehorses in terms of the disqualification of the horse and the culpability of the trainer.

Therefore, the ARB Board has decided that ARs 177C and 178G be amended to include provision for atypical endogenous testosterone production in female horses leading to elevations in urinary testosterone concentrations in excess of the threshold specified in AR.178C(1)(g)(ii).

### **Amendment to Rule 177C**

**Please delete AR.177C and insert the following:**

“In the case of the presence of testosterone (including both free testosterone and testosterone liberated from its conjugates) above a mass concentration of 20 micrograms per litre being detected in a urine sample taken from a gelding, or above a mass concentration of 55 micrograms per litre being detected in a urine sample taken from a filly or mare, prior to or following its running in any race, it is open to the Stewards to find that the provisions of AR.177 or AR.178H do not apply if on the basis of the scientific and analytical evidence available to them they are satisfied that the detected level in the sample was of endogenous origin or as a result of endogenous activity.”

**Date of Effect: 1 February 2015**

### **Amendment to Rule 178G**

**Please delete AR.178G and insert the following:**

“In the case of the presence of testosterone (including both free testosterone and testosterone liberated from its conjugates) above a mass concentration of 20 micrograms per litre being detected in a urine sample taken from a gelding, or above a mass concentration of 55 micrograms per litre being detected in a urine sample taken from a filly or mare, prior to or following its running in any race, it is open to the Stewards to find that the provisions of AR.178 or AR.178H do not apply if on the basis of the scientific and analytical evidence available to them they are satisfied that the detected level in the sample was of endogenous origin or as a result of endogenous activity.”

**Date of Effect: 1 February 2015**