

Horse Agitation Rating Scale (HARS)

Observer Name: _____ Footage #: _____ Date of viewing : _____

Choose the description that best describes the actions of the horse in the footage. If you identify any behaviour from Column B mark that box, if you observe any behaviour from Column C mark that box. At the conclusion of the footage circle the highest-level box with a mark for that row (either box A, B or C). Each row is only assigned its highest score 0, 1, or 2. The total for the entire chart will be a score out of 20. NB: episodes are isolated displays of the behaviour. Therefore 2 episodes consist of the behaviour being exhibited for any length of time, then after a pause of any duration, the behaviour is exhibited again.

You should pause the video and/or re-watch it as required, until you feel you have accurately captured all the behaviours present.

Please watch the video "Guidelines to completing the Horse Agitation Rating Scale (HARS)" prior to commencing the video observations for this trial.

	A 0 points	B 1 point	C 2 points
1. Front leg activity (pawing, striking, stomping, weaving)	<ul style="list-style-type: none"> Nil to weight shifting only. 	<ul style="list-style-type: none"> One episode of front leg activity (pawing, striking, stomping). 	<ul style="list-style-type: none"> Two or more episodes of front leg activity (pawing, striking, stomping). Any episodes of repetitive front leg weight shifting (eg weaving)
2. Hind leg activity (kicking, swinging, lifting high, stomping)	<ul style="list-style-type: none"> Nil to weight shifting only. 	<ul style="list-style-type: none"> One episode of hind leg activity (kicking, swinging, lifting high, stomping) 	<ul style="list-style-type: none"> Two or more episodes of hind leg activity (kicking, swinging, lifting high, stomping)
3. Simultaneous front or hind legs off ground	<ul style="list-style-type: none"> Nil (bucking, rearing or double barrel kicking out attempts) 	-----	<ul style="list-style-type: none"> Any attempt to lift both front feet off the ground at the same time. Any attempt to lift both hind feet off the ground at the same time.
4. Oral activity, biting and bite threats	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Licking objects Oral activity not involving an object (i.e. yawning, holding jaw open, crossing jaw, grinding teeth, tongue flicking, pulling lips back). 	<ul style="list-style-type: none"> Chewing object/s. Grasping object/s Bite threats Biting at air Windsucking / Cribbing
5. Vocalization	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> One high pitch or loud vocalization. Any low volume and low pitch vocalizations. 	<ul style="list-style-type: none"> Two or more high pitch or loud vocalizations. Any snorting.
6. Forward movement	<ul style="list-style-type: none"> Nil to one episode of slow forward movement. 	<ul style="list-style-type: none"> Two or more episodes of slow forward movement. One episode of rapid forward movement. 	<ul style="list-style-type: none"> Two or more incidences of rapid forward movement.
7. Backward movement	<ul style="list-style-type: none"> Nil to one episode of slow backward movement. 	<ul style="list-style-type: none"> Two or more episodes of slow backward movement. One episode of rapid backward movement. 	<ul style="list-style-type: none"> Two or more incidences of rapid backward movement. Any attempt to pull back.
8. Clockwise / anticlockwise repositioning of quarters	<ul style="list-style-type: none"> Nil to one episode of slow repositioning of quarters. 	<ul style="list-style-type: none"> Two or more episodes of slow repositioning of quarters. One episode of rapid repositioning of quarters. 	<ul style="list-style-type: none"> Two or more incidences of rapid repositioning of quarters.

9. Speed and intensity of movement	<ul style="list-style-type: none"> Majority of activities and movements are performed in a slow manner. 	-----	<ul style="list-style-type: none"> Majority of activities and movements are performed in a rapid and/or intense manner.
10. Consistency of movement	<ul style="list-style-type: none"> Remains mostly in same position for entire 2 minutes. Legs remain mostly quiet except for weight-shifting. 	<ul style="list-style-type: none"> Multiple episodes of movement and/or activity occur (leg movement, whole body repositioning) but for less than 50% of the 2 minutes. There are multiple periods of still relaxation between episodes of movement. There is a single episode of repetitive head swinging (vertical or horizontal). 	<ul style="list-style-type: none"> Movement and/or activity (leg movement, whole body repositioning) occurs for 50% or more of the 2-minute period. There are nil-to-few periods of relaxation between episodes of movement. There are two or more episodes of repetitive head swinging (vertical or horizontal).

This chart is still in the validation phase. Once validation is completed, this chart will include ranges of total scores matched to fixed levels of agitation.

From your overall observation of this 2-minute video, do you believe the horse in the footage was demonstrating behaviours consistent with:

- **NO SIGNIFICANT AGITATION**
- **MINIMAL LEVEL OF AGITATION**
- **MODERATE LEVEL AGITATION**
- **HIGH LEVEL OF AGITATION**

(Please circle one only)