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• STUNT CO-ORDINATOR • STUNT PERFORMER • STUNT ENGINEERING •



Stunt / Rigging Department Method Statements and Risk Assessment

PRODUCTION:

Adidas TVC

PRODUCTION COMPANY:

TBA

SCENE DETAILS:

**Cyclists compete at Manchester
Velodrome . One cyclist crashes out.**

Scene	N/A
Shoot date	16 th January 2013
Location:	Manchester Velodrome

Originally compiled:

Dave Judge B.Eng AIRSM.
Stunt Coordinator
16th January 2013

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1. Introduction

The Method Statements and Risk Assessments contained in this document are to be used as a basis on which to build final Risk Assessments and Safety Plans featuring contributions from all relevant parties and authorities. This may include submissions from SFX Department, Armourer's department, Lighting department, etc. The following Precautions, Safety Procedures and Emergency Procedures are identified to accommodate any feasible scenario resulting from the activities that are known at time of compilation of this document.

The latter section of the Risk Assessment features a section "**CONDENSED HEALTH AND SAFETY INFORMATION FOR CAST AND CREW.**" These are a source of condensed extracts prepared specifically for release to cast and crew as generic information regarding stunt activities, or to accompany the cast and crew briefing derived from the Specific Activity Assessments.

An understanding and respect by all crew of **general** Health and Safety issues in the working environment is assumed and expected. Likewise it is expected that as is demanded by the **Management (Health, Safety and welfare) Regulations (1999)** the Production Company has acted responsibly in selecting the members of this crew and ensured each person is appropriately skilled, qualified and insured in order to undertake his or her job safely.

1.1 Summary of activities

A number of racing cyclists are in fierce competition. A tightly formed pack race around the high banked corner and onto the straight. There is evidently a coming together and one of the pack goes down, dramatically sliding down the banked track and being narrowly missed by other racers.

During preparation, rehearsals and filming the following persons should be contacted with any queries or concerns relating to rigging or stunt activities:

Responsible person(s): **Dave Judge (Stunt Co-ordinator)**
 077774 101 448
 dave@stuntjudge.co.uk

All activities related to the above will be overseen by the Stunt Coordinator or his representatives at all times.

2. Method Statements and Risk Assessments

Details of how shots will be achieved and additional safety considerations:

A highly experienced stunt performer who is in fact a national championship contender in this very sport will perform the fall. The fall will be choreographed in such a way that the stunt performer will be isolated from the main pack so as prevent any other riders being affected by the fall. Carefully selected camera angles, lenses and documentary style filming will disguise this fact

Intensive choreography and rehearsals will take place to further ensure that this action is safely repeatable and that collisions or incident involving riders is avoided.

The stunt will be performed a minimum number of times and each performance will be monitored by the stunt coordinator in order to determine if it is safe and appropriate to repeat. As is the case with any kind of stunt fall, some degree of discomfort by the performer will be experienced and continual monitoring and conference with the performer will ensure the limits of reasonable request are not exceeded.

2.1 General stunt activities

A number of control elements are necessary to protect the stunt performer when performing any kind of physical exercise or exertion. The following general procedures will always be employed:

- All stunt related work to be performed by, or under the direct supervision of stunt coordinator or his nominated responsible representative.
- All physical and stunt related work to include warm-ups and stretching exercise and to be under the direct supervision of stunt coordinator or his nominated responsible representative.
- Thorough warm up and stretch prior to all rehearsals and performances.
- All untrained personnel to receive basic instruction and worked well within their subsequent capabilities.
- All choreographed action to be familiarized slowly and in sections to avoid injury through mistakes.
- All action must be within the ability of the actors or the stunt performer to achieve without undue risk to themselves or others.
- Use of protection where possible during rehearsals and shoot, including padding, crash-mats prepped/soft secondary objects to be impacted as appropriate during rehearsals.
- Likewise use of protection where possible during performance.
- Impacts and falls to be of a severity appropriate to pads and safety protection and surface.
- Consider any current injuries, illnesses or disabilities. Accommodate if deemed necessary.
- Choreography to carefully consider flexibility of actors, limitations of environment and introduce appropriate safety measures.

- Where doubt about the ability of an actor (or performer) to safely achieve a required physical standard, the stunt coordinator will have final say.

2.2 Vehicle (cycles) work

- All manoeuvres will be well within the ability of the riders involved and appropriate to the surroundings and environment.
- Area to be monitored and controlled to prevent crew or third party entering area during any manoeuvres
- All non-essential personnel behind cordon during all rehearsals and performance.
- Cordon limits to be established to incorporate all likely scenarios of incident involving cycles, riders, whether crashing or not. Bearing in mind racing cycles are NOT fitted with brakes. Especial consideration for camera operators.
- All crew to remain in designated areas during rehearsals and shoot until cleared by Stunt Co-ordinator.
- Full crew detail briefing by all parties prior commencement of shoot and immediately prior to all dummy runs, rehearsals and performance.
- Rehearsals and dummy runs until all key personnel clear and happy. Especially during close proximity manoeuvres.
- Final details of sequence to be designed around suitability of bikes and location.
- All rehearsals to be performed with appropriate Personal Protective Equipment (PPE).
- Paramedics on stand by at all times.

2.3 Emergency Procedures

In event of injury

In the event of Injury through impact, falls or otherwise:

1. Assess condition of injured before movement unless urgent circumstances dictate otherwise.
2. Inform Production Paramedic who will be in attendance.
3. Assess and consider likelihood of neck or back injuries especially when dealing with injured.
4. Remove to safe and comfortable position as appropriate to injuries.
5. Inform local hospital of injury details if necessary and ETA.

Note that all stunt activities will be carried out in the immediate presence of the production first aider in all circumstances. Where the likelihood and / or severity of injury is elevated paramedics will be present and will be appropriately equipped for any scenario of injury or accident resulting from the activity.

2.4. Risk assessments

For each of the following sections containing method statements and identification of hazards the residual risk assessment is performed. The assessment of the risks remaining considers four factors. The likelihood of the risk being realised (l), the severity if the risk is realised (s), the number of people affected if the risk is released (n) and the frequency with which the risk environment is in effect (f). Each is scored from a scale of 1 to 10 providing a risk assessment range of 0 to 10,000.

Risk ranking:

100 & under	Low risk and acceptable
100 to 500	Medium risk where care must be carefully maintained
over 500	Unacceptably high risk requiring alternative arrangements

For any (L x s);

30 and under	(low risk) – acceptable risk levels
30 – 60	(medium risk) – should be considered further
over 60	(high risk) – unacceptable risk levels must be reviewed

Work activity or specific hazard:	
Risk to riders during rehearsals and filming	
Details and hazard identification:	Ranking:
<input type="checkbox"/> Injury to stunt girl through hard impacts during intended crash <input type="checkbox"/> Injury to any other riders affected by the stunt	(L x s x n x f) 4 x 5 x 1 x 2 = 40 2 x 6 x 3 x 2 = 72

Conclusions:

While the risks are relatively low, we must acknowledge that any kind of fall with minimal padding will fatigue the stunt girl if repeated too often. We should strictly minimise the number of repeats of the stunt and continually monitor the condition of the stunt girl. Careful choreography and rehearsal will ensure a minimum number of takes are performed.

HEALTH AND SAFETY BRIEFING FOR CAST AND CREW

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PRODUCTION COMPANY:

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One cyclist crashes out.**

THE HEALTH AND SAFETY AT WORK ACT 1974 IMPOSES A DUTY ON EMPLOYER (THE PRODUCTION COMPANY) AND EMPLOYEES (YOU) TO SAFEGUARD THE HEALTH AND SAFETY OF ALL PERSONS AFFECTED BY THIS WORK. YOU HAVE A LEGAL AND MORAL RESPONSIBILITY TO ACKNOWLEDGE THE CONTENTS OF THESE RISK ASSESSMENT PROCEDURES AND IN THE EVENT OF ANY CONCERNS RELATING TO SAFETY; INFORM THE APPROPRIATE PERSON(S).

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IMPORTANT

Some safety critical arrangements are yet to be made pending shoot detail planning. Additional briefing will take place prior to start of shooting.

AT ALL TIMES:

BE AWARE.
VOICE ALL CONCERNS.
DO NOT BE AFRAID TO ASK!