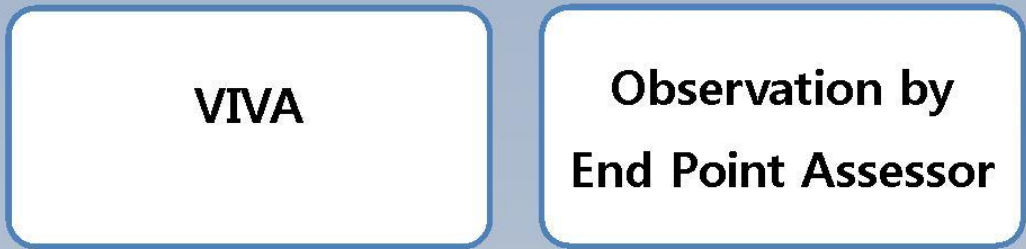
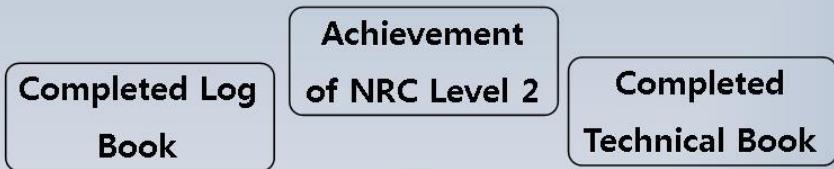


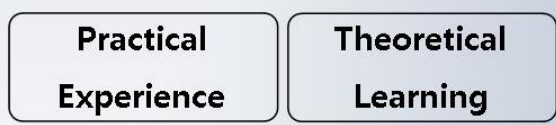
LIVE EVENT RIGGER



End Point Assessment
30—36 months



Gateway



On Programme
0—30 months



Assessment Plan – Live Event Rigger

1. Summary of Assessment

This assessment plan has been designed by employers who have supported the standard of the Live Event Rigger. The standard meets existing business needs in terms of the ‘Knowledge, Skills and Behaviours’ required for a Live Event Rigger to be fully competent. This is a clear statement of intent from industry leaders whose aim is to work collaboratively to further develop the existing robust procedures and processes for our industry.

Working groups met to discuss and agree consistent and reliable judgements, ensuring independence where required, to set the range of assessment methods to be used, the grading, how they are weighted and which are synoptic, whilst taking into account the requirements of professional body recognition. The goal is to drive the quality of Apprentices joining the industry. Standards will combine precision, accuracy, robustness and depth of knowledge to act in response to areas of skills shortages within the industry, due to the growth of rigging in events.

The recommended format of assessment, separated into ‘on-programme’, ‘gateway’ and ‘end point’ phases, ensures basic skills will be covered initially, prior to the Live Event Rigger undertaking job aspects which require greater skill and concentration. The Apprenticeship comprises different elements, which when combined will show the apprentice’s capability to undertake the role safely and adequately, maintaining best practice to industry standards. The end assessment is key to an individual passing the apprenticeship, incorporating a mixture of all assessment types, within approximately 36 months.

Assessors will have specific rigging industry knowledge, expertise and qualifications.

2. Assessment Overview and End Point Assessment

Standard Assessed	Detail	Grade	Weighting	End Point Assessment Method	Assessed By
General Health and Safety	<ul style="list-style-type: none"> • Safe work methods are followed • Act in accordance with HSWA 1974 • Identifies and minimises hazards and risks • Uses tools and equipment safely in accordance with regulations, procedures and instructions • Follows manual handling, accident reporting, wearing personal protective equipment etc. • Can act in an emergency and problem solve • Follows security procedures and can deal with security breaches • Carries out and document suitable and sufficient risk assessments and safe systems of work 	Not Achieved 70% Pass 90% Distinction	15%	Observation Viva CPD / Portfolio of Behaviour	End Point Assessor (and Mentor)
Work Methods	<ul style="list-style-type: none"> • Follows organisational rules for conduct at work. • Their own roles and responsibilities and that of others in the workplace. • The range equipment and tools used by riggers with the skill to inspect each item 	Not Achieved 70% Pass	15%	Observation Viva CPD / Portfolio of Behaviour	End Point Assessor (and Mentor)

Standard Assessed	Detail	Grade	Weighting	End Point Assessment Method	Assessed By
	<ul style="list-style-type: none"> The purpose and uses of rigging equipment, various 'truss' systems and ancillary equipment. 	90% Distinction			
Work Methods contd.	<ul style="list-style-type: none"> The manufacturer's instructions, law, terminations, inspection. The importance of pre-use checks. Prepares for work. Maintains safe, clean, effective and efficient work methods Selects, uses, stores and maintains equipment, tools and materials and how to store and maintain lifting equipment. Follows and maintains work procedures, method statements and production records. Makes the most efficient and effective use of resources, time and materials. Work from plans and estimate loads and forces. Pre-plan and organise the correct equipment for the job in job sheets and kit lists. Check rigging assemblies and assess any hazards. Other event trades who could be working on a project and how the roles interlink. 				
Rigging Skills & Techniques	<ul style="list-style-type: none"> Reads and interprets designs, estimates loads and forces, scales drawings to mark out working areas on site, sets up lifting equipment. Meet structural requirements by selecting suitable components based on load capacity. Selects and uses appropriate lifting equipment and accessories. Shows working use of equipment from assembly, compatibility, orientation and alignment. Informs others of rigging intentions, caution required and action to be taken. Understands the need for venue permissions with ability to deal with deviations from design. Carries out rigging activities for an event incorporating rigging hoists/ slinging loads/ using modular structural products such as aluminium trusses and gains sign off for completed work. De-rigs and disassembles equipment and structures. Returns equipment and tools to storage 	Not Achieved 70% Pass 90% Distinction	20%	Observation and Viva CPD / Portfolio of Behaviour (Achievement of NRC Level 2)	End Point Assessor (and Mentor) (NRC Level 2 Assessor)

	leaving a tidy workplace.				
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Standard Assessed	Detail	Grade	Weighting	End Point Assessment Method	Assessed By
Working at Height	<ul style="list-style-type: none"> Works following Work at Height Regulations 2005, hierarchy of controls, risk assessments, specific hazards and risks, site assessment, safe access, egress and rescue procedures. Uses means of access, adhere to best practice and the correct use of personal fall protection systems (PFPS). Locates anchor points and suitability for use. Correctly uses and stores PFPS, maintains and inspects equipment when not in use. Uses best practice to allocate types of access equipment: existing facilities, access machines, access towers, fixed platforms, scaffolding, ladders, Tallescopes, rope ladders, rope access. Uses work restraint/positioning and fall arrest equipment following manufacturer's instructions. Detecting defects, reporting procedures. 	<p>Not Achieved</p> <p>70% Pass</p> <p>90% Distinction</p>	20%	<p>Observation and Viva</p> <p>CPD / Portfolio of Behaviour</p> <p>(Achievement of NRC Level 2)</p>	<p>End Point Assessor</p> <p>(and Mentor)</p> <p>(NRC Level 2 Assessor)</p>
Team Working & Communication	<ul style="list-style-type: none"> Effectively communicates (listening and questioning included) with Rigging Supervisor, colleagues and line manager and adheres to lines of communication in the workplace. Uses appropriate rigging terminology and the signs and signals used on site. Uses different types of communication. Manages time and adhere to schedules. Is cooperative and helpful in the workplace. Shares and passes on information to colleagues, keeping them informed of activities/ problems. Motivates and builds relationships. Continually develops own competence. Reporting procedures, feeds back necessary information as required. 	<p>Not Achieved</p> <p>70% Pass</p> <p>90% Distinction</p>	15%	<p>Observation and Viva</p> <p>CPD / Portfolio of Behaviour</p>	<p>End Point Assessor</p> <p>(and Mentor)</p>
Behaviours	<ul style="list-style-type: none"> Has a strong work ethic; is motivated, proactive and committed. Works safely and reliably with minimal supervision, reporting accidents, near misses and unsafe practices without delay, with awareness of own limitations. Acts upon instructions and information promptly and makes decisions under pressure. Has an attention to detail and an ability to accurately assess risks and make the correct decisions. Displays progressive leadership skills, offering appropriate guidance to the less 	<p>Not Achieved</p> <p>70% Pass</p> <p>90% Distinction</p>	15%	<p>Observation and Viva</p> <p>CPD / Portfolio of Behaviour</p>	<p>End Point Assessor</p> <p>(and Mentor)</p>

	experienced, a mature outlook whilst working ethically taking account of diversity and equality in the workforce.				
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3. Professional Qualifications

National Rigging Certificate – After approximately 30 months the Live Event Rigger will be expected to be ready to take the NRC Level 2 assessment. Prior to attending Live Event Riggers are required to provide ‘employer’ references from 2 NRC qualified Riggers, and provide original copies of all job related training certificates received and provide the completed Log Book as evidence. This is a practical and theoretical assessment, taking place at an assessment centre over 2 days.

- Candidates either achieve the NRC Level 2 or are told of aspects where reassessment is required.
- Reassessment of specified topics can occur on a future assessment day at additional cost.
- The individual will not pass the Apprenticeship without successfully achieving NRC Level 2.
- Should the individual not achieve first time there will be an opportunity to retake within the remaining 6 months of the apprenticeship. Should the individual achieve NRC Level 2 within 24 months, they may choose to undertake NRC Level 3 within the remaining time frame. 12 months must pass between achieving Level 2 and being assessed for Level 3.

Recommended Certificated Courses

Attend to gain competence in using equipment and tools used by Live Event Riggers.

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| • Health and Safety Passport/ IOSH or equivalent. | • LOLER and PUWER. |
| • IPAF (Mobile Elevated Work Platform operation). | • Manual Handling and Working at Height Regulations. |
| • 3-Day Rigging in the Entertainment Industry Course. | • First Aid. |

4. Supporting Methods of Assessment

Log Book – Upon entry to the apprenticeship, individuals will register with PLASA (industry body) on the Trainee Rigger Scheme. As well as holding a Trainee Rigger Card, they will receive the Rigger Handbook and a log book. Completion of the log book, allows a record of ‘rigging’ tasks undertaken by the individual. They detail the venue, complete the date and use tick boxes to show the tasks undertaken. This should then be signed by NRC qualified Riggers who could make comment on the work carried out. This is not an assessment of competence, but a verified record of practical experience.

Live Event Rigger Technical Work Book – This work book will be produced for the Live Event Riggers to be able to develop their knowledge independently. This document will form a ‘how to’, with self-assessments at the end of each topic. It will also offer a basis for mentors to discuss knowledge and experience. Space will be given to record practical experience by way of photos and written descriptions.

Mentoring– Employers will offer a mentor to the Live Event Rigger (the mentor would preferably be from inside the organisation although this is not a necessity). The mentor will have previously achieved NRC and will assist in offering progress reports as well as areas for development. The relationship will develop over time between the Employer, apprentice and Mentor. The Mentor will have the capability of offering their own and the Employer’s perspective and the End Point Assessment.

Observation– Mentors will undertake annual observation of the apprentice undertaking various work activities. During the course of this observation there will be the opportunity to discuss achievement in other methods of

assessment. It will also allow a progress report to give feedback on areas of development required and readiness for NRC Level 2.

National Rigging Certificate – (As described in ‘Professional Qualifications’). This will form the end of the development phase. Beyond achievement of NRC Level 2, the apprentice will be working towards final assessment. This achievement will be taken into account in the end point assessment relating to Rigging and Working at Height.

5. End Point Methods of Assessment

Observation and Viva – The independent end point assessor will undertake an observation day onsite, to view the working practices of the Live Event Rigger apprentice in a real life situation. The observation must entail minimum activity comprising working at height, use of powered lifting equipment and flying structures in the air.

The observation will allow the End Point Assessor to consider the apprentice’s capability in the working environment, offering an insight into: work methods, preparation, following procedures, health and safety awareness, correct use of tools and equipment, efficiency, ability to work from plans, working at height and use of access equipment, ability to communicate, working relationships, work ethic, decision making.

It is recommended that on the same day, after the observation of working practices, the Viva will occur, taking place between the apprentice and the end point assessor with the apprentice’s mentor present. Having undertaken an observation the assessor will be able to query aspects of the standard that they did not manage to observe. The apprentice will be asked to cover topics from basic elements accomplished early in the programme (basic health and safety/ knowledge of equipment etc.) to knowledge of work systems and discussion of experience. The apprentice will be probed upon their expertise of rigging technique along with their knowledge of the hierarchy of events and behavioural topics.

These elements will form the final assessment, and take place at the end of the apprenticeship. It will allow aspects of the standard not covered by NRC level 2, or other forms of assessment to be logged and verified.

Both of these elements of the end assessment may be filmed for inclusion in section 3 of the Portfolio of Behaviour.

Portfolio of Behaviour – This will be an electronic portfolio which logs achievement beyond the apprentice being awarded NRC Level 2. Earlier aspects of the apprenticeship may be included in Section 1 comprising Log Book/ Employer Performance Reviews/ Training Attended/ Live Event Rigger Technical Work Book.

Section 2 of the Portfolio of Behaviour will take the form of a CPD (a log of continued professional development or experience), Diary or Log Book. Whichever form the apprentice chooses, these will detail experiences in which the apprentice has been involved after achieving NRC Level 2. This will allow the Live Event Rigger to display knowledge and understanding of different subject matters within the standard.

The apprentice is expected to include information on how they interact with different individuals on site, build teams, how they make decisions and solve problems which arise on site, the pressures of working to deadlines along with any other aspects they feel important to log, which form the critical skills to work as a Live Event Rigger.

The portfolio will be tested with the candidate during the Viva.

Section 3 may contain videos of the end point observation and viva. Assessors and independent verifiers will be able to access this online.

6. Phases and Time Scale

Development stages of competence are set on an individual basis. It is expected the following time frames will be used as a guideline.

0-30 months – Recommended On-Programme Phase

This period allows a development of classroom, theory and practical experience.

30 months – Gateway

Competence in Level 2 aspects of the Rigger’s Handbook will provide individuals an indication of the stage they are ready to attend assessment at an NRC centre.

Upon successful completion of the NRC Level 2 the end point assessment will commence.

30-36 months – End Point Assessment

Upon achieving Level 2, the individual will commence working towards level 3 (if Live Event Rigger aspires to build supervisory skills). This phase offers the opportunity to develop the further, to ensure all aspects of the standard are covered. Experience will be logged in their preferred format (CPD/ Log Book/ Diary) which can detail any aspect of work that the Apprentice has been subjected to. An end point observation and viva will take place, both of which can be included in filmed format within the portfolio of evidence for end assessment.

7. End Point – Final Judgement

The independent end point assessor will make the final decision about whether the apprenticeship has been passed.

8. Independence

The assessments will be carried out by an independent organisation registered on the SFA register of assessment organisations.

9. End Point Summary of Roles and Responsibilities

Assessor	Role
Employer	The Employer should contribute to the End Point Assessment within the portfolio in the form of Reference Letter and Personal Development Reviews.
Mentor	The mentor must have passed NRC level 2, and have 2 years working experience at that level. They must have attended basic Mentor training and be able to offer feedback to the apprentice. They will attend the Viva and observation to offer a detailed insight into the apprentice on a work related and developmental perspective.
Assessment Organisation	The end point assessor must have passed NRC Level 3, hold the assessor’s qualification and have the capacity to carry out assessment. The end point assessor will attend: Observation- on site to view the apprentice in a real life situation. There will be a minimum expectation of duties that the apprentice will be required to carry out including working at height, using access equipment and lifting structures in the air. The assessor will consider all areas of the standard, from health and safety, work methods, rigging techniques, working at height, team work and communication and behaviour. Any aspects not covered in the observation must be contained in the VIVA. The Assessor will have a list of questions to ask and assess capability and experience in all areas. The portfolio will allow the Assessor an opportunity to view practical work experience and knowledge and skills gained after the apprentice has achieved the professional qualification. The end point assessor will have the ultimate responsibility for determining scores and outcomes of the apprenticeship.

10. Quality Assurance (Internal and External)

We are considering employer led approaches for quality assurance, and are working through the options with BIS. At the moment assessment organisations who wish to deliver against the standard are required to be on the SFA register of assessment organisations.

11. End Point Grading

Weighting of each Assessment Method		
Observation	Viva	Portfolio
20%	40%	40%

Live Event Riggers who achieve in all elements of the Apprenticeship will receive either a 'Pass' or a 'Distinction'. The Distinction level will be awarded for those who consistently over achieve in all levels of the standard and prove a high capacity of skill and understanding along with the behaviours.

The end point assessor will decide the grading. A score of over 70% in each individual element of the standard is necessary for a pass, or 90% for a distinction.

12. Implementation

Affordability

Training will make up the vast majority of this cost, but it is also important that we factor in and pay for rigorous assessment to ensure that the successful apprentices are fully competent in this role. We can estimate that the costs for implementing such testing will be circa £1250 per Apprentice. This estimate is based upon current NRC level 2 costs. Assessor ratios will need to be agreed as part of the employer / provider cost models. Benchmark data gathered would indicate something in the region of 1:20 ratio of Assessor to Apprentices would deliver suitable rigour and high performance outcomes. These costing's are in accordance with the funding model being trialled in 2014/15 for Trailblazers. We anticipate assessment costs to be in the region of 13% of the overall training costs.

Consistency

This apprenticeship will be deliverable across the country to the same standards.

Assessors will have gained NRC Level 3 and be qualified assessors. They will need to attend a guidance workshop for providers at which they will be provided a guidebook for assessment organisation etc. with marking strategies, and expectancy levels for different grades.

Volumes

We believe in the first instance there will 25 apprentices taken on over the 1st year. There are likely to be 2 additional assessors required initially.

13. Appendices

NRC Level 2 <http://www.plasa.org/pd/qualifications/>