

Aims and Objectives

Module Title	BAK01 Introduction to Banksman and Slinging Operation
Duration	The course will be delivered in 3 days.
Aims	<ul style="list-style-type: none">▪ The aims of Training Programme are to provide personnel, who have little or no experience of the Banksman & Slinger role, with the basic knowledge of activities associated with the combined roles, and the safety and regulatory requirements of those activities.▪ The Initial Training Programme allows the delegate to demonstrate basic Banksman & Slinger practical skills following instruction and demonstration by the training staff. This Training Programme aims to prepare the delegates for the next stage of the progression path to becoming a competent banksman & slinger.
Pre-requisites	Physical Health Requirements: <ul style="list-style-type: none">▪ This training and/or assessment activities may include physically demanding and potentially stressful elements. All participants must be physically and mentally capable of participating fully.▪ Every delegate or candidate must provide written confirmation that they deem themselves physically and mentally capable of undertaking all aspects of the training or assessment. Delegates must immediately inform PT Petrotekno if this capability changes – at any time prior to, or during the programme.▪ Delegates/candidates are required to declare any current or pre-existing medical conditions which may be exacerbated by, or impair their ability to complete, the training/assessment programme. If this was the case, the individual is required to provide an authentic medical certificate issued since any identified medical condition was diagnosed.
Objectives	The delegate will be able to Module 1 Introduction to Lifting Operations <ul style="list-style-type: none">▪ To successfully complete this module, delegates must be able to explain/identify:<ol style="list-style-type: none">1) Lifting Equipment and Lifting Operations Regulations – relevant the Banksman & Slinger role

- 2) Documentation and regulations that apply to lifting activities
- 3) Why it is important to plan lifting activities
- 4) Hazards associated with lifting operations and the appropriate control measures
- 5) The roles and duties of personnel in a lifting crew
- 6) The basic principles of crane operations
- 7) Common lifting appliances and lifting accessories
- 8) The difference between SWL and WLL of lifting equipment
- 9) Classification of lifts i.e. routine and non-routine (simple, complicated, complex)
- 10) A typical permit-to-work system as it applies to lifting operations
- 11) Lifting of personnel by crane for work and transfer purposes
- 12) Weight identification and estimation of the load
- 13) Deciding when tag lines need to be used and their safe use
- 14) Planning, walking through and allowing for sufficient headroom along the route
- 15) Determining the load bearing capabilities of the lay down area
- 16) Conducting pre-use checks of lifting appliances and accessories
- 17) Correct positioning of personnel involved in lifting operations
- 18) Erecting signs and barriers or posting sentries
- 19) Conducting post-use checks of lifting appliances and accessories
- 20) Storage procedures for packing materials, lifting appliances and accessories
- 21) The disposal of any waste in relation to legislation and procedures

Module 2 The Banksman's Role

- To successfully complete this module, delegates must be able to explain/identify:
 - 22) The importance of the Banksman's role

- 23) Checking the cargo manifest and reviewing the load
- 24) Checking the load for dropped objects
- 25) Checking the balance and security of the load
- 26) Difficulties that might occur during the lifting and moving operations
- 27) The need for high visibility vests
- 28) The need for communicating hand signals clearly
- 29) What is meant by 'line of sight' and a 'blind lift'
- 30) The hand signal for 'emergency stop'
- 31) Establishing and using two-way radio communications

Module 3 Slinging Operations

- To successfully complete this module, delegates must be able to explain/identify:
 - 32) Different types of slings and sling identification markings
 - 33) Principles of sling angles and tensions
 - 34) Using appropriate lifting accessories
 - 35) Attaching slings to ensure a safe and even weight distribution
 - 36) Protecting slings from damage
 - 37) Securing the cargo within a container / half height using ratchet straps
 - 38) Unhooking and removing slings and disconnection of lifting equipment

Module 4 Practical Exercises

- To successfully complete this module, delegates must be able to explain/identify:
 - 39) The selection and correct use of PPE
 - 40) The use of handsignals and radio communication
 - 41) The Banksman's role in a simple pre-slung lift
 - 42) How to prepare a standard load which requires a single leg sling
 - 43) How to prepare a standard load which requires more than one sling

	<p>44) The slinger’s role during a free access lift, a restricted lift, a blind lift, and a lift with a load with an upset center of gravity utilizing the following loads: a single tubular (pipes) / bundled tubular, a Cargo Carrying Unit and scaffold tubes and boards.</p> <p>45) The Banksman’s role during a free access lift, a restricted access lift, a single tubular lift, a bundled tubular lift, a lift with an offset center of gravity, a lift with a cargo carrying unit and a blind lift varying the use of hand signals and radio communication.</p>
<p>Topics covered include</p>	<p>Day 1</p> <p>Module 1 Introduction to Lifting Operations</p> <ul style="list-style-type: none"> ▪ Element 1.1 Regulations and safety issues ▪ Element 1.2 Introduction to lifting roles and equipment ▪ Element 1.3 Preparing for the lift ▪ Element 1.4 Carrying out the lift ▪ Element 1.5 Restoring the work area <p>Module 2 The Banksman’s Role</p> <ul style="list-style-type: none"> ▪ Element 2.1 The Banksman’s duties ▪ Element 2.2 Communications and visibility <p>Module 3 Slinging Operations</p> <ul style="list-style-type: none"> ▪ Element 3.1 Principles of slinging <p>Day 2</p> <p>Module 4 Practical Exercises (Demo)</p> <ul style="list-style-type: none"> ▪ Element 4.1 The role of a Banksman & Slinger in a planned lift <p>Day 3</p> <p>Module 4 Practical Exercises (Practical)</p> <ul style="list-style-type: none"> ▪ Element 4.1 The role of a Banksman & Slinger in a planned lift
<p>Assessment Method</p>	<ul style="list-style-type: none"> ▪ Candidates will be given a series of explanations and demonstrations. At the end of the course, candidates will be given a theory test to test their understanding of the knowledge

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	<p>elements of the Modules. The test can be open book and runs for one hour. The test is a balanced mix of the following question types:</p> <ul style="list-style-type: none">a) Multiple choiceb) True/falsec) Questions which require written answers <p>The Test pass mark is 80%.</p> <ul style="list-style-type: none">▪ Course's modules contain practical elements. Delegate performance in the practical exercises will be evaluated against learning outcomes where they will be required to demonstrate various tasks. Delegates must be informed of the results of the evaluation.▪ Following successful completion of the OPITO Banksman & Slinger Stage 1 Initial Training Programme, the candidate can proceed to the workplace to work under direct supervision of a competent person - in order to complete Stage 2 of the four-step process of Rigger Standard.
Certification	-
Training Location	PETROTEKNO Training Center at Puncak Lembah Hijau – Mountain Resort Ciloto West Java, Indonesia