Task Risk Control Sheet

Use of Iron Men

RCS No: NR/L3 /MTC/RCS0216/SP07
Issue: 2

Key Risks !

- **Trapped Limbs**
- **Derailment**
- **Manual Handling**

Personnel Involved		
	E&P	✓
	S&T	
	Track	✓
	Off Track	
	Property	

Tools / Equipment Iron Men, Camlock, Pull Lift, Sling

Plant None

Key Risks	Controls	Implemented By
Pre Use Checks	• Only trained and competent staff shall undertake checks on the iron men • Check that equipment is within its maintenance date • Inspect equipment before use for damage • Check that the carriage traverse is working correctly • Check that the serial numbers of the frame are matching • Check that the frame locking pins are located and locked before movement/use • Test the brakes	Team Leader Staff
Trapped Limbs	• Check brake levers are on same side when using in pairs • Only use pairs of Iron Men from the same manufacturer	Team Leader
	• Do not use mechanical means to keep brake lever off. • Turn traversing wheel in small movements, do not spin • Take care when releasing the wheel on canted track • Check that the load is taken on the pull lifts in a controlled manner • Check that the load is evenly distributed across the ironmen • Hand protection shall be worn	Staff
Derailment	• Correct construction of frame • A person trained and competent in the use of Iron men shall control the loading and movement	Team Leader /Competent Person
	• Load in accordance with manufacturers instructions • Always Push, do not pull, the iron man • A minimum of two operators shall be allocated to each ironman whilst moving rails on track. • Always move ironman with the bottom beam in place and constantly monitor, especially on high cant curves • Check that some tension remains in the lifting tackle whilst rail or S&C is supported by the bottom beam • Traversing wheel should be on the high rail whilst working on canted track • Take care when moving ironman through S&C • Do not ride on or tow Iron Man	Staff
Manual Handling	• Lift using designated carrying handles • See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling	Operator / Team Leader

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PPE Required by NR / Maintenance Policy				
Wear Head Protection	Wear Foot Protection	Wear Hi Visibility Clothing	Wear Safety glasses to BS EN166.F	**If safety glasses introduce a risk (ie weather conditions) then the Team Leader shall assess the risk. The outcome of the assessment shall be recorded on the SSOWPS pack and safety glasses may be removed. This does not supersede the requirements for eye protection detailed on relevant Task Risk Control Sheets.**

Additional PPE Required by Task Risk Control Sheet						
Wear Hand Protection						

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