

Majnoon Field Development

JOB HAZARD ANALYSIS WORKSHEET

Task: Replacing damaged wind sock with new one using man lift and hand tools at (MJ.18)

Permit No:05219

JHA was compiled and reviewed by the following (minimum 3 persons)

Name	Position	Signature	Date

This JHA has been reviewed and approved by HSE as appropriate for the task listed on the permit no (all JHA's)

Name	Company	Signature	Date

This JHA has been reviewed and approved by the Operations Lead (High Risk Activities)

Name	Signature	Date

This JHA has been reviewed and approved by the Field Manager (All JHA's).

Name	Signature	Date

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SEVERITY	CONSEQUENCES				INCREASING LIKELIHOOD				
	People	Assets	Environment	Reputation	A	B	C	D	E
					Never heard of in the Industry	Heard of in the Industry	Has happened in the Organization or more than once per year in the Industry	Has happened at the Location or more than once per year in the Organization	Has happened more than once per year at the Location
0	No injury or health effect	No damage	No effect	No impact					
1	Slight injury or health effect	Slight damage	Slight effect	Slight impact					
2	Minor injury or health effect	Minor damage	Minor effect	Minor impact					
3	Major injury or health effect	Moderate damage	Moderate effect	Moderate impact					
4	PTD or up to 3 fatalities	Major damage	Major effect	Major impact					
5	More than 3 fatalities	Massive damage	Massive effect	Massive impact					

The four steps of a RAM assessment:

1. Identify potential consequences (credible scenarios)
2. Estimate severity of each potential consequence
3. Estimate likelihood of potential consequence (past experience)
4. Estimate the risk rating

Light Blue/Low: Manage for continuous improvement, although Businesses may set lower priority for Further Risk reduction.

Blue/Medium: Manage for continuous improvement through the effective implementation of the HSSE Management System.

Yellow/High: Identify and implement controls and recovery measures to reduce Risk to ALARP.

Red/Serious: Identify and implement Controls and Recovery Measures to reduce the Risk to ALARP a provide a documented demonstration of ALARP by a Bow Tie or equivalent methodology.

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STEP NO.	JOB STEP	POTENTIAL HAZARD	Risk Ranking PRIOR to Controls			REQUIRED HAZARD CONTROL For each hazard identified list the control measures required to eliminate or minimize the risk of injury.	Risk Ranking AFTER			RESPONSIBILITY
			Probability	Consequence	SERIOUS HIGH MED IUM LO		Probability	Consequence	SERIOUS HIGH MED IUM LO	
1	Planning and Obtaining PTW	➤ Preparation for the job is less than adequate	C	4	H	<ul style="list-style-type: none"> ➤ PTW shall be signed by Shell prior start of works ➤ Plan the work involving personnel responsible for preparation. 	C	0	L	Job Supervisor PTW Applicant PICWS
2.	Communication and Coordination	<ul style="list-style-type: none"> ➤ Poor Communication ➤ No coordination between all concerned parties / responsible department / supervisor. 	C	2	HIGH	<ul style="list-style-type: none"> ➤ PTW applicant and Permit Holder are trained and know all the requirements and processes ➤ Permit to Work available, signed, assessed and approved by authorized and responsible person. ➤ Toolbox talk conducted prior to start activities ➤ Mobile Phone available with signal/satellite in locations where work is to be completed. ➤ Job Hazard Analysis available reviewed and implemented ➤ Emergency contact numbers available and posted at Jobsite. ➤ Ensure that everybody is aware where the emergency assembly point / safe muster point 	C	1	LOW	Person in charge

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3.	Assessing work areas prior commence activities.	<ul style="list-style-type: none"> ➤ Existing hazard or new hazard not identified ➤ Simultaneous construction with other contractors. ➤ Access and egress not available ➤ Slip, trips and fall ➤ PPE's not available 	C	2	Blue	<ul style="list-style-type: none"> ➤ Ground to be check before setting up process ➤ Ensure that all hazard exist on the area are noted and discussed. ➤ Ensure proper coordination between the IFMS Field Engineers, Operations, and Permit to Work Coordinator. ➤ Ensure that good housekeeping maintained, safe access and egress provided. ➤ Ensure that everybody assessing the area are wearing complete and Standard PPE's. 	C	1	Low	PTW – PICWS / Site Supervisor /
4.	Mobilization of Personnel and equipment	<ul style="list-style-type: none"> ➤ Incompetent person ➤ Poor Supervision ➤ Not familiar with the activities ➤ Personnel not aware about the hazard exists in the area ➤ Lack of competency ➤ Unfamiliar with emergency procedures ➤ Gas presence 	C	3	HIGH	<ul style="list-style-type: none"> ➤ Ensure that all involved person in this activity completed HSE required training. ➤ Ensure that Person in Charge is always available at work area. ➤ Conduct TBT before starting the job ➤ Discuss with the entire crew about the job and related hazards. ➤ Coordinate with area Shift supervisors prior to start the job. ➤ Ensure inspection all the vehicle before starting the work ➤ Continuous gas monitoring to be carried out. 	C	1	LOW	Person in charge
5.	Choosing a safe muster point / emergency response	<ul style="list-style-type: none"> ➤ Unfamiliar with safe muster point and wind direction. ➤ Poor emergency response plan 	C	3	HIGH	<ul style="list-style-type: none"> ➤ Ensure that all personnel know the MFD Emergency Contact Number: 07811235555. ➤ Ensure that Safe Muster Point, Emergency Routes, and Wind Directions are discussed with all involved crews and supervisor. 	C	1	LOW	Person in charge
6.	Sitting up man lift	<ul style="list-style-type: none"> ➤ Fall, Collapse, Lack of knowledge ➤ Uneveled ground ➤ Soft surface 	C	3	HIGH	<ul style="list-style-type: none"> ➤ The ground must be compacted well and leveling. ➤ Use fully outriggers with mats (hard timber) 	c	1	Low	JOB SUPERVISOR

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7.	Working at Height man lift	<ul style="list-style-type: none"> ➤ Collapse of ground ➤ Over reaching from basket ➤ Dropped tools ➤ Over extension of man lift ➤ Striking adjacent property ➤ Power line hazard ➤ Fall of persons from the ladder, ➤ Slip, trip and falls. 	C	4	High	<ul style="list-style-type: none"> ➤ Man lift to be sited on leveled ground ➤ Position lifts immediately adjacent to the working area at a good working height ➤ Reposition man lift if required ➤ Operator to remain in basket at all time ➤ Plan the placement and operation of man lift to maintain safe distance from all adjacent property ➤ Safe means of access to the work location is to be provided. ➤ The area below the work should be assigned /barricaded. ➤ Operatives working at height must suitably be experienced and adequately supervised. ➤ Supervisor to be present at the work location and closely monitor the activities of the people. ➤ Materials at height should be secured properly. ➤ All tools to be kept inside the toolbox and toolbox to be secured properly. ➤ No loose materials no matter how small they are to be left unattended. ➤ No working at height is wind speed exceed 10m/s ➤ Area within the immediate effect of material falls should be barricaded and notices posted. ➤ Ensure W@H workers are trained have valid courses 	C	1	M	Job Supervisor
8.	Prepare for the replacement of wind socks	<ul style="list-style-type: none"> ➤ Incompetent operator ➤ Incompetent supervision ➤ Confined work area ➤ Failure of communications between supervisor and operator ➤ Overload or misuse of Man Lift ➤ Unsafe use of equipment ➤ Fall from heights 	C	4	HIGH	<ul style="list-style-type: none"> ➤ Ensure operator, skilled workers and supervisor are competent and 'fit for the task' with required training and competency ➤ Ensure area barricaded off for the works is sufficient for the works being conducted. ➤ Only one person in charge ➤ Strictly follow agreed JHA ➤ Only one person in lift ➤ Harness must be worn at all times and connected to lift 	C	1	M	Job Supervisor PICWS Operator

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9.	Install new wind socks	<ul style="list-style-type: none"> ➤ Over reaching from man lift ➤ Dropped tools ➤ Over extension of man lift ➤ Striking adjacent property 	C	4	High	<ul style="list-style-type: none"> ➤ Position man lift immediately adjacent to wind sock pole at good working height ➤ Reposition man lift if required ➤ Operator to remain in lift at all times ➤ Plan the placement and operation of man lift to maintain safe distance from all adjacent property 	C	1	M	Job Supervisor PICWS Operator
10.	Clean up / Housekeeping	<ul style="list-style-type: none"> ➤ Slip, Trip, Falls ➤ Improper Segregation of Waste Materials ➤ Inadequate number of Trash Bins / Waste Skips. 	C	3	High	<ul style="list-style-type: none"> ➤ Ensure that waste materials are properly segregated "Hazardous Waste to Non-Hazardous Waste". ➤ Ensure that Trash Bins / Waste Skips are available. "Bins for Non-Hazardous and Hazardous Waste. ➤ Dispose the contaminated materials / rags / soil to MFD Designated Disposal Area (Coordinate with MFD Waste Management Team). 	C	1	LOW	Person in charge
11.	Closing Permit to Work after work completion	<ul style="list-style-type: none"> ➤ Poor Communication ➤ No coordination between all concerned parties / responsible department / supervisor. ➤ Missing PTW and necessary certificates 	C	2	Low	<ul style="list-style-type: none"> ➤ Ensure proper coordination and communication with responsible department/supervisor prior to close PTW. ➤ Sign-Off the PTW after work completion / official hand over was made with operations team. ➤ Make sure all the related documents available inside the permit before closing. 	C	0	LOW	Person in charge

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قواعد الحفاظ على الحياة - ما هي؟

<p>احرص على العمل من خلال تصريح عمل صالح و ساري المفعول إذا كان مطلوباً</p>	<p>احرص على إجراء اختبار غاز إذا كان مطلوباً</p>	<p>احرص على الحصول فويل قبل تجاوز أو تعطيل معدات السلامة الهامة</p>	<p>احرص على الحصول على تخويل قبل الدخول إلى مكان مغلق</p>	<p>تأكد من العزل قبل بدء العمل واحرص على استخدام معدات الحماية المناسبة</p>	<p>احرص على حماية نفسك من السقوط عند العمل في مكان مرتفع</p>
<p>1</p> 	<p>2</p> 	<p>3</p> 	<p>4</p> 	<p>5</p> 	<p>6</p> 
<p>7</p> 	<p>8</p> 	<p>9</p> 	<p>10</p> 	<p>11</p> 	<p>12</p> 
<p>تجنب السير تحت حمولة معلقة</p>	<p>تجنب التدخين خارج الأماكن المخصصة</p>	<p>لا يُسمح بتناول الكحوليات أو العقاقير المخدرة أثناء العمل أو القيادة</p>	<p>أثناء القيادة، لا تستخدم الهاتف ولا تتجاوز السرعة المحددة</p>	<p>احرص على ارتداء حزام الأمان الخاص بك</p>	<p>اتبع خطة إدارة الرحلة المحددة</p>

ملاحظة: تعتبر السياقة للذهاب إلى العمل يوميًا وتناول الكحوليات في المناسبات الاجتماعية والتدخين في المكاتب خارج نطاق هذه القواعد

سري - نسخة محظورة حتى 30 مارس

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12 Live Saving Rules – What are they ?

