

JOB TITLE / AIM: JSA for placing of spool on steel structure	
JSA DATE:	JSA NO./ REVISION: 00
SUPERVISOR/ JSA LEADER:	SCRIBE:
PARTICIPANTS:	
LIST ASSOCIATED PROCEDURES/WORK INSTRUCTIONS OR TEMPORARY	

Attach copies of any relevant documentation/ drawings.

Part 2: Job Safety Analysis

Job Steps:

1. Mobilization of workers, equipment, tools and material.
2. Protection of live lines
3. Placing of spool
4. Demobilization

ATTACHMENTS:

Lifting, rigging Plan,

Now undertake the JSA and record in the table below. Use prompts on JSA Prompt Sheet and Hazard Checklist

Part 3: Contingency Plans.

- Note: All the work to be done under operations NFHWP
 - In case of emergency Contact CCR and FM shall be informed
 - In the event of muster alarm BHPB project HSE Advisor shall direct operation to make-work safe in shortest period of time.
 - He shall maintain contact with CCR
 - Activity during lift will be assessed and restricted as required

Part 4: Review. After the job has been completed, JSA leader should note: any hazards, which were identified in the original JSA? Any practices that need to be captured in the OMS? List action items, changes, and transfer any changes to the Change Management system.

File: 10.30

JSA No:		JOB TITLE:	
Step No	Describe Job Step (Copy from part 2 of form)	Potential Hazards (Use Hazard Checklist)	Hazard Controls
1	Mobilization of workers, equipment, tools and material.	Unsafe /Unsuitable equipment /Machinery brought to site	All equipment should be properly tagged and inspected by DEL E&P prior to mobilization on site. The MEWP, crane and truck will enter onto the site on a valid vehicle entry certificate. The daily checklist will be filled out and signed by the supervisor .The equipment will not operate if any fault is found.
		Personal and equipment interface	A banks person will be used to escort the equipments to location .The area will be barricaded off and spotter place at location.
		Unsecured load	Ensure that the load shall be properly secured with belts on to the Trailer and inspected by DEL HSE prior shifting
		Persons not trained competent or experienced to undertake the task	Ensure that the operators are certified and a copy of the certificate is attached. All persons are skilled and know about the hazard in the Job area .The operators and riggers will be chosen before the start of the activity. TBM to be done and jsa is discussed
		Unauthorized access	Personnel's who have got Ops induction will be allowed onto the plant, and their badges will be displayed at all times.
		Working in hazardous area	Continuous gas testing shall be done at all times Safety observer shall be in place
		Working without permit	NFHWP shall be obtained from Operations
2	Protection of automated valves and live lines	Uneven placing	A vertical scaffold structure shall be provided which will secure as well position the spool on to the structure. Scaffold securing structure shall be checked by Competent person for its stability.
		Obstructions in the working area	All the work to be approved by BHPB ops and shall be according to plan

JSA No:**JOB TITLE:**

Step No	Describe Job Step (Copy from part 2 of form)	Potential Hazards (Use Hazard Checklist)	Hazard Controls
3	Placing of spool	Uneven lift	Three slings shall be used to lift and move the spool side wise The 2 nd sling approaches the duplex spool it creates obstruction for moving the spool so the third free sling shall be placed around the spool. In the event of placing the sling around the spool the spool is placed on the structure and the rigger approaches using the cherry picker. Ensure the clearance between the cable tray and the horizontal spool. Chain block shall be used to make the spool to its final location.
		Faulty rigging gears	Certification for all rigging gears will be available. Rigging supervisor will inspect all rigging gears before and during lifting operations.
4	Demobilization	Leaving Spool unsecured	Spool shall be tied off with rope prior to demobilization