



TITAN DRILLING

Document Name	HSE-FOR-8.1.1 Lift Plan
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LIFTING PLAN USING CRANE / HIAB

NO: 0001

DATE:

TIME:

WORK AREA / LOCATION:

TASK DESCRIPTION:

CRANE INFORMATION

MAKE:	MODEL:	S/N:	CAPACITY:
BOOM LENGTH:	JIB LENGTH:		COMBINED LENGTH:

LOAD DATA

LOAD WEIGHT	RIGGING WEIGHT:	TOTAL WEIGHT:	HEIGHT OF LIFT:	RADIUS OF LIFT:
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RIGGING DATA

SLING DIAMETER	SLING LENGTH	SLING CAPACITY	INSPECTED: Y N
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LOAD ON EACH LEG LEG: TOTAL LOAD _____ kg / number of legs _____ = _____ kg

Angle Factor:

Leg Angle	90'	80'	70'	65'	60'	55'	50'	45'	40'
Load Factor	1	1.015	1.064	1.103	1.154	1.22	1.305	1.414	1.555

TENSION LOAD CALCULATION: TOTAL LOAD PER LEG _____ X ANGLE FACTOR _____ = _____

Summary of Key control identified as part of the pre-task risk assessment:	OK	NOT OK
Does the crane have a valid certificate?		
Does lifting equipment have current certificate and tags?		
Are personnel trained, certified and authorised to conduct the task?		
Are the powerlines within 50m radius of the operation?		
Is the ground condition safe to position the crane?		
Weather conditions and visibility good for lifting operations?		
Is there an agreed communication protocol?		
Are suspended loads controlled by personnel using devices away from the load (ie.use of slings and ropes)		
Do personnel have the required PPE?		

LOADING SKETCH

CREW:

OPERATOR'S NAME	SUPERVISOR'S NAME:
OPERATOR'S SIGNATURE:	SUPERVISOR'S SIGNATURE: