

Manildra Group Safety Form - Complex Lift Permit



A Lift Study (FMSA-244) and a lift operating procedure must accompany this permit.

Section 1 – Permit Information

Crane(s) Identification:			
Crane inspection carried out by a competent person?	Y <input type="checkbox"/> N <input type="checkbox"/>		
What are the environmental conditions?			

Section 2 – Lift Calculations

Crane 1		Crane 2	
A-Operating Radius:		A-Operating Radius:	
B-Boom Length:		B-Boom Length:	
C-Boom Angle:		C-Boom Angle:	
D-Rated Crane Capacity:		D-Rated Crane Capacity:	
E-Equipment Deductions:		E-Equipment Deductions:	
F-Net Capacity (D-E=F):		F-Net Capacity (D-E=F):	
G-Load Weight <small>(Attach weight ticket/shipping weight if available)</small>		G-Load Weight <small>(Attach weight ticket/shipping weight if available)</small>	
H-Rigging Weight		H-Rigging Weight	
J-Net Weight (G+H=J)		J-Net Weight (G+H=J)	
K-Percent Crane Capacity <small>$K = \frac{J}{F} \times 100$ not to exceed 75%</small>		K-Percent Crane Capacity <small>$K = \frac{J}{F} \times 100$ not to exceed 75%</small>	

Section 3 – Crane Derating

Are either of the cranes de-rated?	Y <input type="checkbox"/> N <input type="checkbox"/>
Are the de-rating details noted in the Complex Lift Procedure?	Y <input type="checkbox"/> N <input type="checkbox"/>

Section 4 – Dual Lift

Does the rigger have an Intermediate Riggers licence?	Y <input type="checkbox"/> N <input type="checkbox"/>
Is the rigger competent to perform the lift?	Y <input type="checkbox"/> N <input type="checkbox"/>

Section 5 – Verification of risk controls (Permit Recipient to complete)

The following is attached to this permit.

Crane support considerations	<input type="checkbox"/>	A lift operating procedure	<input type="checkbox"/>
Complex Lift Procedure	<input type="checkbox"/>	A plan for synchronization of crane motions, or where this is not possible, methods taken to reduce the effect of forces arising from the lack of synchronization	<input type="checkbox"/>
Determination of centre of gravity	<input type="checkbox"/>		
Speed of crane movement plan (e.g. Hoisting, slewing luffing, traversing)	<input type="checkbox"/>	Load sharing design calculations for multiple crane lifts	<input type="checkbox"/>
Recipient name:		Signature:	Date:

Section 6 – Authorisation (Engineering Manager or Delegate to complete)

I authorise the work to proceed in accordance with the requirements of this permit.

Name:			Signature:		
Issue Date:		Time:	Valid Until Date:		Time:

Section 7 – Handback (Permit Recipient to complete)

Crane inspection carried out by a competent person?	Y <input type="checkbox"/> N <input type="checkbox"/>				
Recipient name:		Signature:		Date:	