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1. Crane Weight The maximum weight of the crane to be used 50,000kgs (worst case scenario) 2. Load The maximum load to be lifted 22,000kgs + Load 1,500kgs 3. Outrigger Load Point load = (1+2) x 100% = (50,000 + 23,500) x1 = 73,500kgs or 73.5t 4. Ground Type Ground comes in granular and cohesive types. Bearing Values BS: 8004 5. Mat size

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