



DESIGN OF MAT FOUNDATION

Mat Foundation Design(BS 8110) - Metric

Job Details

Job Name : Mat1

Included Support	X (m)	Y (m)	Z (m)
1	0.00	0.49	0.00

Load Details

Included Loads

Load Case No 2: VESSEL OP

Load Type : Primary
Serviceability Factor : 1.00
Design Factor : 1.00
Self Weight Factor : 1.00

Column Reactions Applied as Loads on the Mat

NODE NO.	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)
1	0.00	-62.00	0.00	0.00	0.00	0.00

Load Case No 4: FRAME FULL LIVE

Load Type : Primary
Serviceability Factor : 1.00
Design Factor : 1.00
Self Weight Factor : 1.00

Column Reactions Applied as Loads on the Mat

NODE NO.	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)
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Load Type : Primary
Serviceability Factor : 1.00
Design Factor : 1.00
Self Weight Factor : 1.00

Column Reactions Applied as Loads on the Mat

NODE NO.	Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)
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Load appears correctly defined in combination

Load Case No: 103
Load Combination Title: SL:1.000 x DL+1.0
Combination Type: Service

Available Primary Load Cases:

Load Case	Factor
2:VESSEL OP	1.00
5:FRAME DL	1.00
4:FRAME FULL LIVE	1.00

Edit Load Combination

Load does not appear listed in output while other loads do