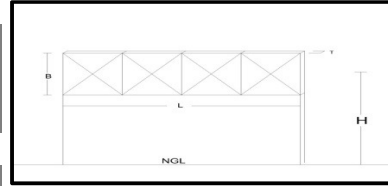


WIND LOAD CALCULATION FOR SIGN BOARDS (AS PER IS 875 Part-3)

TRUSS DIMENSIONS

Length of Truss (m)	L :	30.5
breadth of Truss (m)	B :	2.5
Thickness/width (m)	T:	0.6
Height of Truss (m) (from NGL to Centre of		7.25



DESIGN FACTORS

WIND ZONE (AS PER IS 875-3)	Zone IV
Basic Wind Speed {Vb} for Selected Zone (m/s) :	47
Terrain Category :	Category 2
TYPE OF STRUCTURE I	Temporary
STRUCTURE CLASS :	Class B
TOPOGRAPHY :	Plain
HOARDING TYPE :	Edge above Ground
PRESSURE DENSITY (Pd)	859.22
TOTAL FORCE (KNs):	78.62
No. Of Nodes :	81
Force Per Node (KNs) :	0.97

CORRESPONDING RISK FACTOR :

0.75

CORRESPONDING FACTOR :

0.98

CORRESPONDING FACTOR :

1

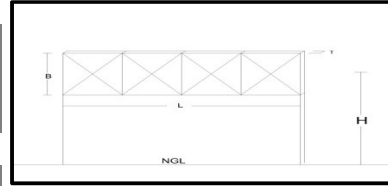
CORRESPONDING FORCE COEFFICIENT :

1.2

WIND LOAD CALCULATION FOR SIGN BOARDS (AS PER IS 875 Part-3)

TRUSS DIMENSIONS

Length of Truss (m)	L :	36.5
breadth of Truss (m)	B :	2.5
Thickness/width (m)	T:	0.6
Height of Truss (m) (from NGL to Centre of		7.25



DESIGN FACTORS

WIND ZONE (AS PER IS 875-3)	Zone IV
Basic Wind Speed {Vb} for Selected Zone (m/s) :	47
Terrain Category :	Category 2
TYPE OF STRUCTURE I	Temporary
STRUCTURE CLASS :	Class B
TOPOGRAPHY :	Plain
HOARDING TYPE :	Edge above Ground
PRESSURE DENSITY (Pd)	859.22
TOTAL FORCE (KNs):	94.08
No. Of Nodes :	93
Force Per Node (KNs) :	1.01

CORRESPONDING RISK FACTOR :

0.75

CORRESPONDING FACTOR :

0.98

CORRESPONDING FACTOR :

1

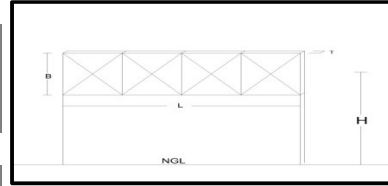
CORRESPONDING FORCE COEFFICIENT :

1.2

WIND LOAD CALCULATION FOR SIGN BOARDS (AS PER IS 875 Part-3)

TRUSS DIMENSIONS

Length of Truss (m)	L :	46
breadth of Truss (m)	B :	2.5
Thickness/width (m)	T:	0.6
Height of Truss (m) (from NGL to Centre of		7.25



DESIGN FACTORS

WIND ZONE (AS PER IS 875-3)	Zone IV
Basic Wind Speed {Vb} for Selected Zone (m/s) :	47
Terrain Category :	Category 2
TYPE OF STRUCTURE I	Temporary
STRUCTURE CLASS :	Class B
TOPOGRAPHY :	Plain
HOARDING TYPE :	Edge above Ground
PRESSURE DENSITY (Pd)	859.22
TOTAL FORCE (KNs):	118.57
No. Of Nodes :	117
Force Per Node (KNs) :	1.01

CORRESPONDING RISK FACTOR :

0.75

CORRESPONDING FACTOR :

0.98

CORRESPONDING FACTOR :

1

CORRESPONDING FORCE COEFFICIENT :

1.2