

Part No.		Section [mm]	Quantity [nos]	Working Drawing	Weight	
					kg / pc	total kg
T - 1	a	Angle 65/65/6 l = 1090	4		7.44	29.77
	b	Rod f 10 mm l = 1940	2	Rod φ 10 to be bent as shown in welding detail	1.20	2.40
T - 2		Plate 420/315/6	4		5.39	21.56
T - 3		Plate 295/58/6	8		0.79	6.32
T - 4		Hex bolt M16 - 40	60		0.09	5.40 ^c
T - 5		Hex nut M16	60		0.03	1.80 ^c
T - 6		Plain Washer f 17	60		0.01	0.60 ^c

IS 1363, galvanized acc.
to: IS 1367, Part XIII

Part No.		Section [mm]	Quantity [nos]	Working Drawing	Weight	
					kg / pc	total kg
T - 7		Angle 65/65/6 l = 240	2		1.30	2.60
T - 8		Channel 100/50/4 l = 700	4		5.53	22.12
		Rod f 25 l = 480	2		1.85	3.70
		Hex Nut M24	8		0.097	0.78 ^c
A = 98.90 kg. Transportation Weight Galvanised : B + C + 1.85 kg.				B = 88.47 kg. Total Structural Steel to be galvanized	C = 8.58 kg. Nuts, Bolts, Washer	

Notes : Transportation unit of part T-1 = 16.08 kg.

All Structural steel must comply with :
IS 226 - 1975 for structural steel.
IS 800-1984 for general construction in steel.
All steel parts must be **hot dip galvanised** according
to IS 2629 & 2633, min thickness = 80 μ m

HMG / Ministry of Local Development DoLIDAR / Short Span Trail Bridge Standard	
Bridge Name:	
No:	Span:
Steel Drawing:	
Top Element for Tower No. 1, 2 or 3 Steelpart List for one Element for one Tower Nos of Elements required : <input type="text"/>	
Date : September 30, 2002	Drawing No. 119N