

CERTIFICATES AND STANDARDS FOR CONFORMITY OF THE TOWERS

- 1) EN ISO 9001:2008 Quality Management System Certificate
- 2) OHSAS TS 18001 Occupational Health and Safety Management System Certificate
- 3) EN ISO 14001:2004 Environmental Management System Certificate
- 4) EN 10025-2-3-5 ; Hot rolled products of structural steels – Parts 2: Technical delivery conditions for non alloy structural steels
- 5) EN ISO 1461 ; Hot dip galvanized coatings on fabricated iron and steel articles- specifications and test methods
- 6) EN 10056-1 ; Structural steel equal and unequal leg angles Part 1 : dimensions
- 7) EN 898 ; Mechanical properties of fasteners made of carbon steel and alloy steel- Part 1 : Bolts,screws and studs
- 8) Bolts : DIN 7990 minimal class of strength 5.8
- 9) Nut : DIN 934 minimal class of strength 5
- 10) Washer : DIN 126 Grade St 37
- 11) Spring Washer : DIN 127 Grade ck60
- 12) EN 10204 ; Steel material S235 (St 37) 2.1, S355 (St 52) and materials for 3.1 certifications
- 13) List the telecommunication industrial engineering standards that your company adopts, and indicate whether they are regional, national or international.

For Antenna Towers (TIA / EIA - 222-F, BSI CP 3, BS 8100, BS 449 Part 2, ASCE Manual No: 52TS 648, TS 500, TS 498)

For Polygonal (ASCE Manual No: 72, EIA 222 - E, BSI CP 3, ILE, AASHTO, BS 449 Part 2, TS 648, TS 498, EN 40 Part 1, EN 40 Part 2, EN 40 Part 3, EN 40 Part 3-1, EN 40 Part 3-2, EN 40 Part 3-3, EN 40 Part 4, EN 40 Part 5, EN 40 Part 6)

For OHTL Towers (DIN VDE 210, NESC C2 2002, EN 5034, IEC 6082, IEC 60652, ASCE Manual No: 52, ASCE Manual No: 74, ASCE Manual No: 10-90, TS 648, TS 500)

STATICAL ANALYZE FOR TOWERS	TOWER - version 5.0 BY POWER LINE SYSTEM, INC.
STATICAL ANALYZE FOR MONOPOLES	PLS-POLE version 6.0 BY POWER LINE SYSTEM, INC.
DRAWINGS FOR DESIGN & PRODUCTION	TEKLA Xsteel version 8.0 BY TEKLA CORP.