



DECLARATION OF PERFORMANCE

Aerial sales order number: 79328
Aerial purchase order number: 136058
ID: 285143

1. **Product:** Guyed lattice tower

2. **Serial number:** 5114-5115

3. **Intended use:** Radar tower

4. **Manufacturer:**

Aerial Oy
Palokankaantie 19
59800 Kesälahti

5. **Verification of constancy:** 2+

6. **Harmonised Technical Specification:** EN 1090-1:2009+A1:2011

Notified Body: Inspecta Sertifiointi Oy n:o 0416,
FPC Certificate number: 0416-CPR-7949-04

7. **Essential characteristics:**

Geometric tolerances:	According to EN 1090-2
Weldability:	S355J2 According to EN 10025, EN 10217, EN 10219
Fracture toughness:	J2 = 27 J -20 °C
Reaction to fire :	Material Class A1
Release of Cadmium:	NPD
Radioactivity:	NPD
Durability:	Hot dip galvanized according to SFS-EN 1461, P2
Design:	Eurocode 1&3
Manufacturing:	According to component specification AP-01 and EN 1090-2; EXC2

The performance of the product identified above is in conformity with the declared performance identified in the table. This declaration of performance is issued under the sole responsibility of the Aerial Oy. Signed for and behalf of Aerial Oy:

6.8.2024

Arno Tiihonen, B. Sc
R&D Engineer
Aerial Oy



0416

Aerial Oy

Palokankaantie 19, 59800 Kesälahti
17

0416-CPR-7949-04

EN 1090-1:2012+A1:2012

Product: Welded steel structure and assemblies (MT79328)

Tolerances on geometrical data:
EN 1090-2

Weldability: S355J2 According to EN 10025, EN 10217, EN 10219

Fracture toughness: min. 27 kJ -20 °C

Load bearing capacity: NPD

Fatigue Strength: NPD

Resistance to Fire: NPD

Reaction to fire:
Class A1 (steel only)

Release of Cadmium: NPD

Emission of Radioactivity: NPD

Durability: Hot dip galvanized according to SFS-EN 1461, P2

Structural Characteristics: EN1090-2

Design: According to customer specification, EC1&3

Manufacturing: According to component specification AP-01 and EN 1090-2; EXC2.

Aerial Oy 6.8.2024

Arno Tiihonen, B. Sc
R&D Engineer