

FLOOR SLAB LEVEL SURVEY — BAY 3

Levantina Topografía SL — Calle del Faro Viejo 211, 46023 Valencia —
CIF B-00.000.001

Client: Tidewell Fabrication Ltd (attention Tomasz Wójcik)

Site: Brisamar Logistics distribution centre, Polígono Industrial Los
Almendros, Paterna

Survey date: 19 February 2025 | **Report reference:** LT-2025-0218 |
Issued: 19 February 2025

1. Scope

1.1 Tidewell Fabrication Ltd instructed Levantina Topografía SL to survey the finished floor level of Bay 3 of the installation hall along the proposed sorter centreline and at the support positions shown on Tidewell drawing HFL-VAL-GA-003 rev C.

1.2 The survey was carried out with a Leica LS15 digital level and a 2 m invar staff on a 1 m grid between grid lines C1 and C10 (sorter length 68 m) and over a 4 m width either side of the centreline.

1.3 Results are reported against the tolerance stated in clause 6.2 of the Supply and Installation Agreement: 5 mm over any 3 m span, measured in accordance with DIN 18202 Table 3 line 4.

2. Results

Zone	Grid lines	Max deviation over 3 m	Within 5 mm tolerance?
1	C1–C3	3 mm	Yes
2	C3–C4	6 mm	No (marginal)
3	C4–C7	18 mm	No
4	C7–C9	7 mm	No
5	C9–C10	4 mm	Yes

2.1 The slab between grid lines C4 and C7 shows a depression with a maximum deviation of 18 mm over 3 m, centred approximately on C5. This exceeds the 5 mm contract tolerance by 13 mm and exceeds the ± 20 mm adjustment range of the sorter supports when combined with the adjacent high point at C7.

2.2 Zones 2 and 4 are marginally outside tolerance and could be accommodated by support adjustment and local grouting.

3. Conclusions

3.1 The floor slab in Bay 3 between grid lines C4 and C7 does not comply with the 5 mm over 3 m tolerance in clause 6.2 of the contract.

3.2 In our opinion the sorter cannot be installed to the specified alignment (± 2 mm) in Zone 3 without re-levelling the slab, either by grinding the high points at C4 and C7 and applying a self-levelling screed in the depression, or by installing a steel sub-frame grouted to the slab.

3.3 Re-levelling by screed would require a minimum of seven days for application and curing before supports can be fixed.

4. Attachments

A. Level plot, Bay 3 centreline (sheet 1 of 1).

B. Photographs 1–6 of the depression at C5.

Surveyor: Andrés Ferrer, Ingeniero Técnico en Topografía, colegiado 4.117

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